

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
 Data File : VU048655.D
 Acq On : 23 May 2022 16:09
 Operator : SY/MD
 Sample : N2929-03MEMSD
 Misc : 8.37g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBTF7MEMSD

Quant Time: May 24 02:55:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 24 02:53:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	298700	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	303122	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	193865	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	43337	23.688	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	47.380%#
7) Chloroethane-d5	1.871	69	32497	23.709	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.420%#
11) 1,1-Dichloroethene-d2	2.533	63	155343	37.545	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.080%
21) 2-Butanone-d5	4.633	46	181101	104.020	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.020%
24) Chloroform-d	5.060	84	212490	45.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	5.697	65	152685	46.813	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.620%
32) Benzene-d6	5.719	84	347950	41.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.500%
36) 1,2-Dichloropropane-d6	6.690	67	106505	43.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.000%
41) Toluene-d8	7.896	98	338299	42.633	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.260%
43) trans-1,3-Dichloroprop...	8.182	79	67984	42.928	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.860%
47) 2-Hexanone-d5	8.652	63	150452	110.774	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.770%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	214395	52.316	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.640%
66) 1,2-Dichlorobenzene-d4	12.198	152	182872	46.143	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	92557	28.834	ug/L	92
3) Chloromethane	1.517	50	72384	36.547	ug/L	99
5) Vinyl chloride	1.601	62	90943	43.164	ug/L	100
6) Bromomethane	1.826	94	69321	45.575	ug/L	99
8) Chloroethane	1.890	64	40892	32.974	ug/L	100
9) Trichlorofluoromethane	2.070	101	176576	42.930	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	95413	45.492	ug/L	97
12) 1,1-Dichloroethene	2.546	96	85415	43.950	ug/L	94
13) Acetone	2.642	43	105179	74.360	ug/L	99
14) Carbon disulfide	2.758	76	225040	39.902	ug/L	98
15) Methyl Acetate	2.948	43	142265	58.932	ug/L	96
16) Methylene chloride	3.031	84	90424	39.966	ug/L	94
17) trans-1,2-Dichloroethene	3.334	96	92583	44.169	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	335878	46.185	ug/L	99
19) 1,1-Dichloroethane	3.855	63	170663	44.472	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	105942	44.817	ug/L	97
22) 2-Butanone	4.710	43	144194	80.288	ug/L	92
23) Bromochloromethane	4.967	128	58835	44.854	ug/L	93
25) Chloroform	5.083	83	202502	45.209	ug/L	99

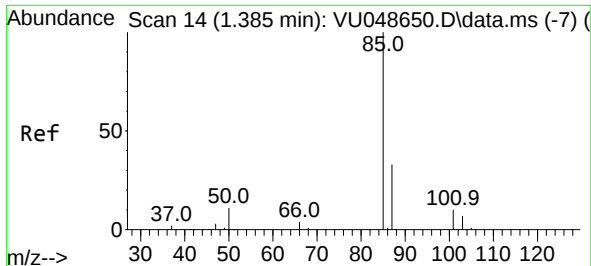
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	174799	45.491	ug/L	100
29) Cyclohexane	5.375	56	131470	42.227	ug/L	97
30) 1,1,1-Trichloroethane	5.308	97	203892	44.424	ug/L	98
31) Carbon tetrachloride	5.514	117	182052	43.524	ug/L	98
33) Benzene	5.768	78	382138	43.151	ug/L	100
34) Trichloroethene	6.539	95	109905	43.865	ug/L	98
35) Methylcyclohexane	6.755	83	156507	43.529	ug/L	99
37) 1,2-Dichloropropane	6.790	63	91801	41.457	ug/L #	97
38) Bromodichloromethane	7.105	83	158528	44.248	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	173889	45.994	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	289836	85.770	ug/L	99
42) Toluene	7.970	91	430793	44.630	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	184125	46.181	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	109783	46.296	ug/L	97
46) Tetrachloroethene	8.552	164	95868	46.890	ug/L	97
48) 2-Hexanone	8.703	43	242955	83.913	ug/L	95
49) Dibromochloromethane	8.816	129	143447	47.051	ug/L	98
50) 1,2-Dibromoethane	8.925	107	123862	45.259	ug/L	97
51) Chlorobenzene	9.449	112	307464	45.671	ug/L	99
52) Ethylbenzene	9.571	91	497831	45.131	ug/L	98
53) m,p-Xylene	9.697	106	201954	45.558	ug/L	96
54) o-Xylene	10.105	106	199374	46.947	ug/L	99
55) Styrene	10.121	104	359186	48.645	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	190858	46.570	ug/L	97
59) Bromoform	10.301	173	126423	47.441	ug/L	99
60) 1,2,3-Trichloropropane	10.829	75	169033	43.964	ug/L	97
61) Isopropylbenzene	10.488	105	548371	45.930	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	321626	47.384	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	506324	47.971	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	280200	45.509	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	288029	45.080	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	282579	45.122	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	58573	39.402	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	215659	43.945	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	188445	42.457	ug/L	99
71) Naphthalene	14.086	128	573412	39.180	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	188179	42.227	ug/L	99

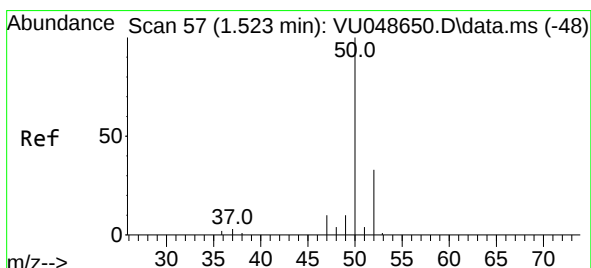
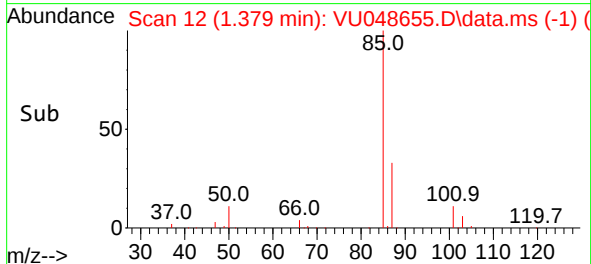
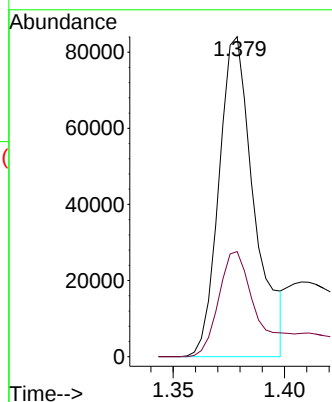
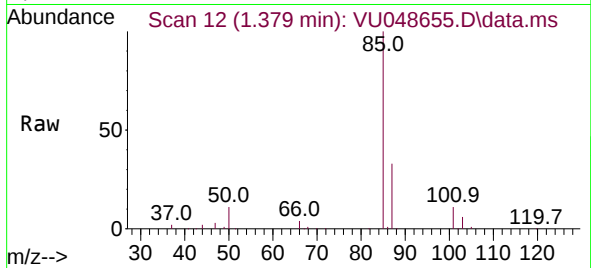
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#2
Dichlorodifluoromethane
Concen: 28.834 ug/L
RT: 1.379 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

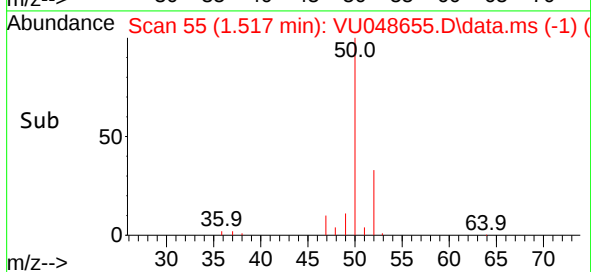
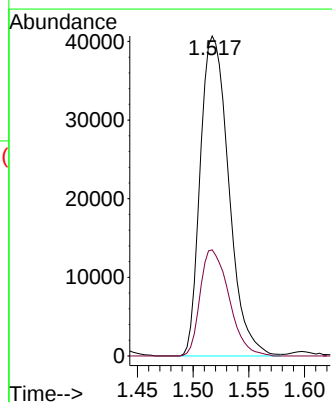
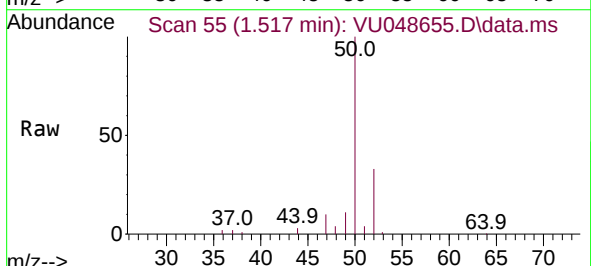
Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

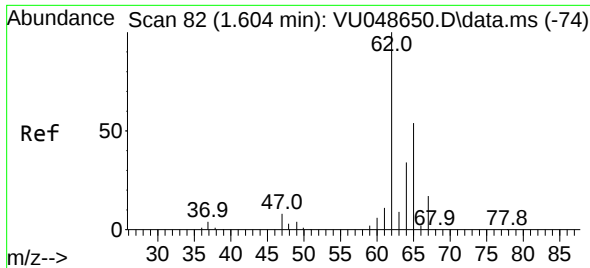
Tgt Ion: 85 Resp: 92557
Ion Ratio Lower Upper
85 100
87 36.1 25.4 38.2



#3
Chloromethane
Concen: 36.547 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.006 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion: 50 Resp: 72384
Ion Ratio Lower Upper
50 100
52 33.2 23.8 44.2

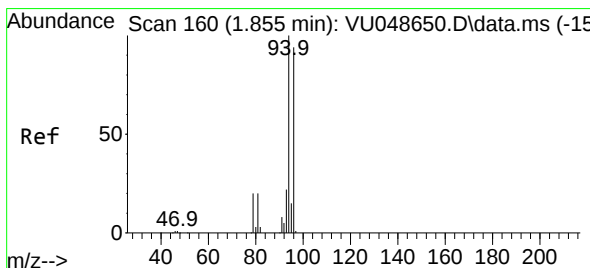
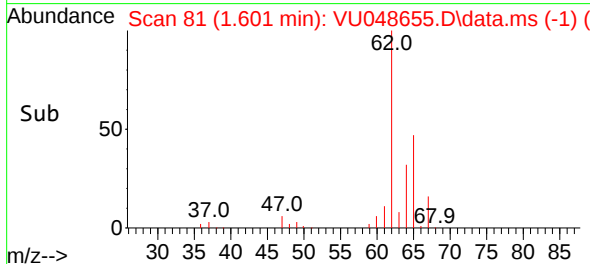
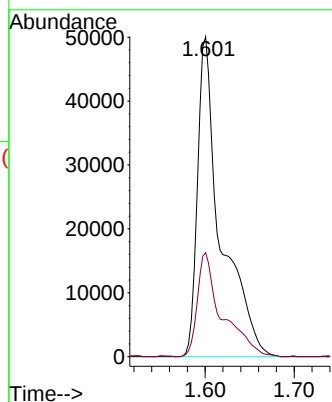
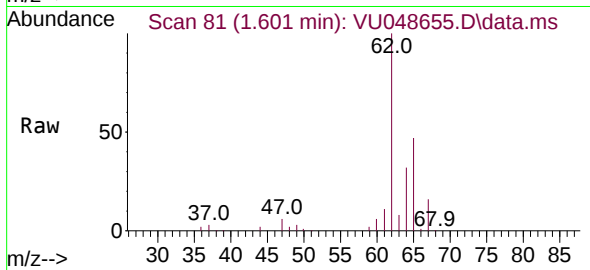




#5
 Vinyl chloride
 Concen: 43.164 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048655.D
 Acq: 23 May 2022 16:09

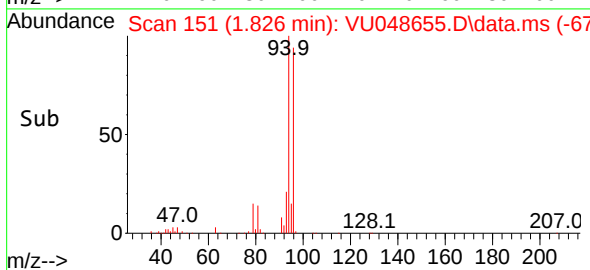
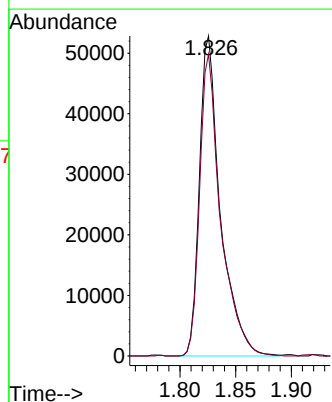
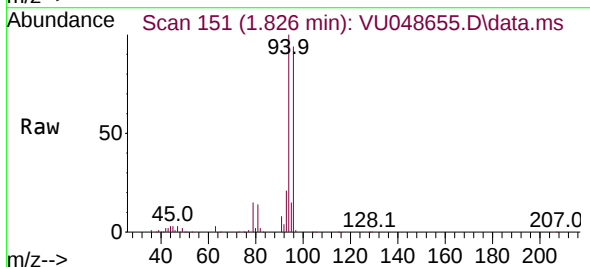
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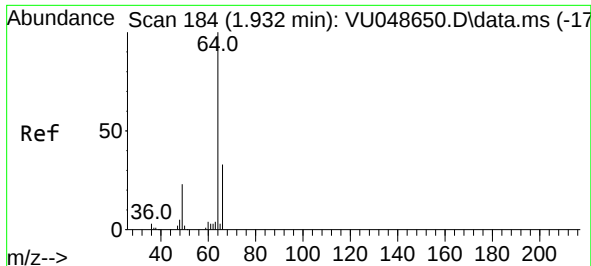
Tgt Ion: 62 Resp: 90943
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 45.575 ug/L
 RT: 1.826 min Scan# 151
 Delta R.T. -0.029 min
 Lab File: VU048655.D
 Acq: 23 May 2022 16:09

Tgt Ion: 94 Resp: 69321
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.7 121.9

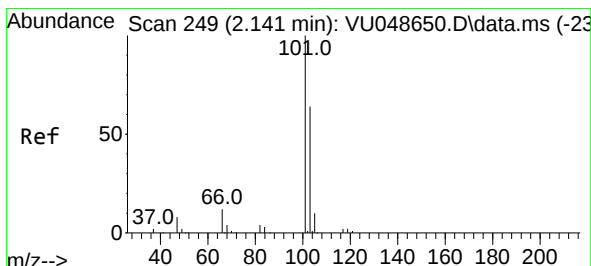
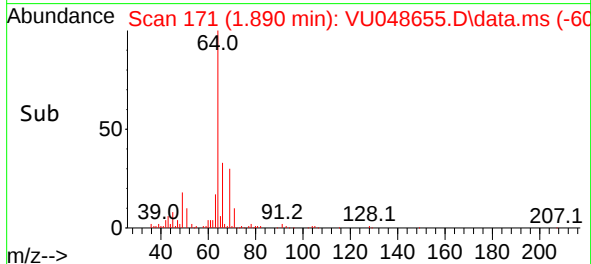
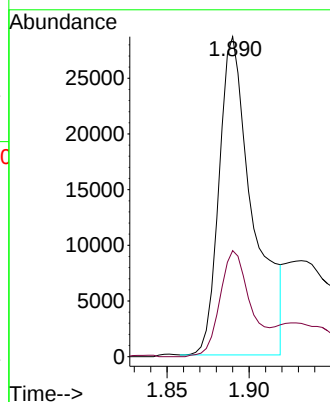
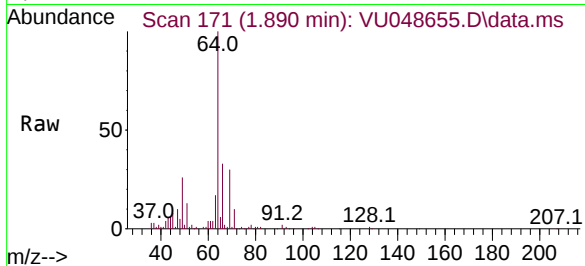




#8
Chloroethane
Concen: 32.974 ug/L
RT: 1.890 min Scan# 11
Delta R.T. -0.042 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

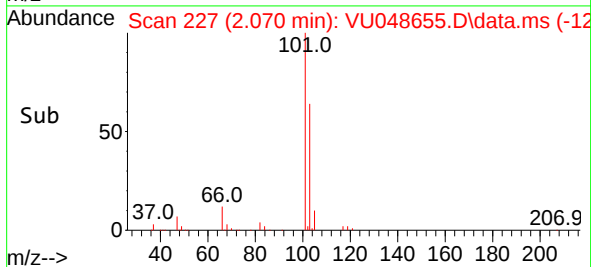
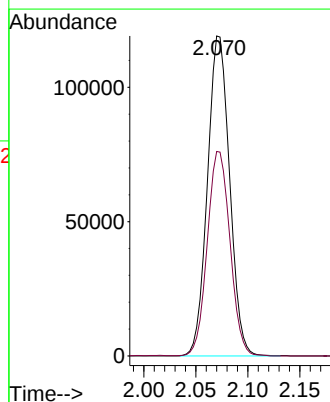
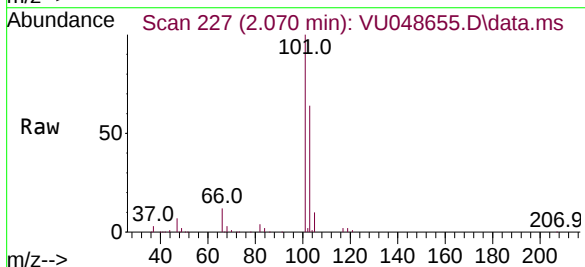
Instrument :
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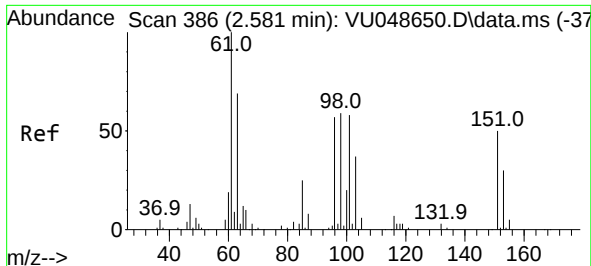
Tgt Ion: 64 Resp: 40892
Ion Ratio Lower Upper
64 100
66 33.1 23.1 42.9



#9
Trichlorofluoromethane
Concen: 42.930 ug/L
RT: 2.070 min Scan# 227
Delta R.T. -0.071 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion:101 Resp: 176576
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4





#10

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

Concen: 45.492 ug/L

RT: 2.543 min Scan# 31

Delta R.T. -0.039 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

DBTF7MEMSD

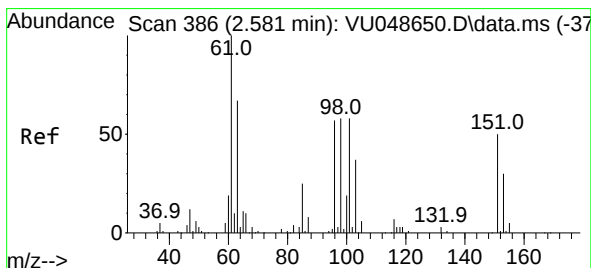
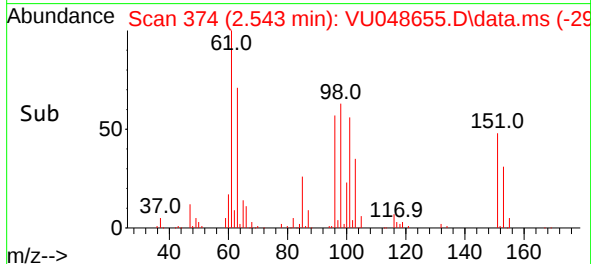
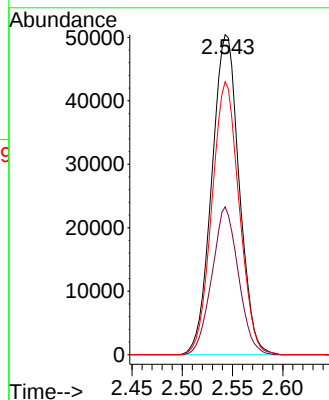
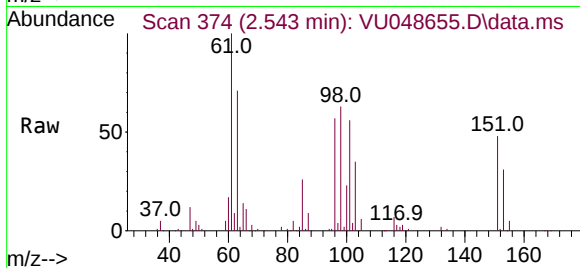
Tgt Ion:101 Resp: 95413

Ion Ratio Lower Upper

101 100

85 44.5 35.7 53.5

151 85.0 64.4 96.6



#12

1,1-Dichloroethene

Concen: 43.950 ug/L

RT: 2.546 min Scan# 375

Delta R.T. -0.035 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

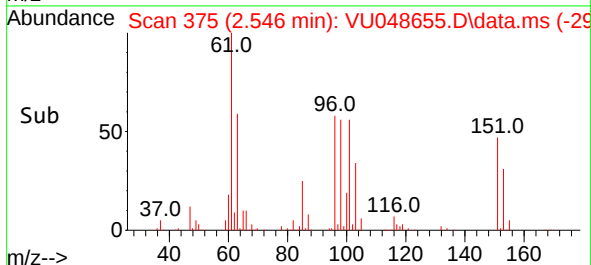
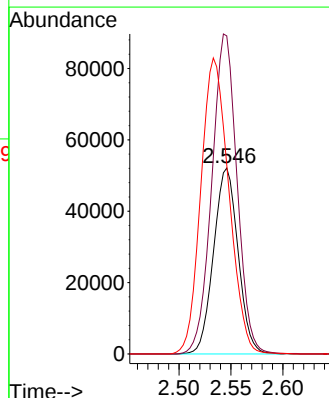
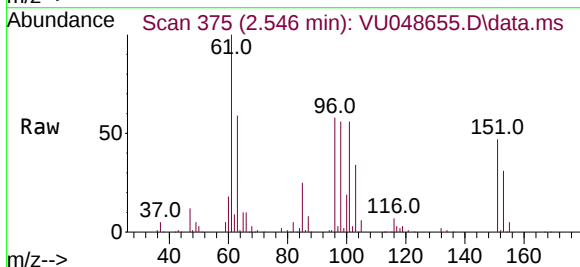
Tgt Ion: 96 Resp: 85415

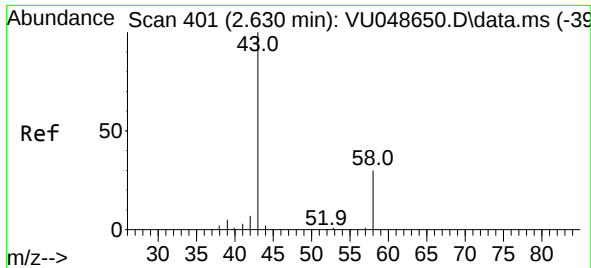
Ion Ratio Lower Upper

96 100

61 171.1 120.6 224.0

63 101.8 82.3 152.9





#13

Acetone

Concen: 74.360 ug/L

RT: 2.642 min Scan# 401

Delta R.T. 0.013 min

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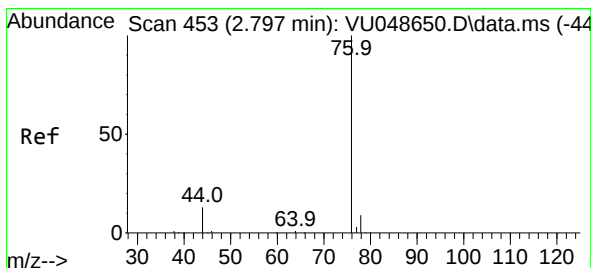
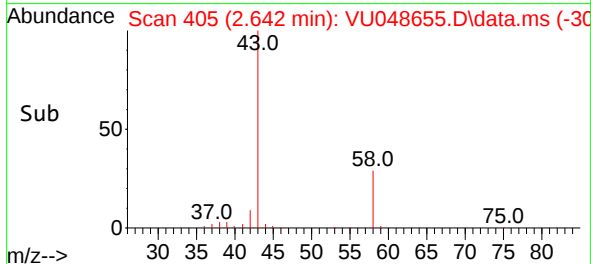
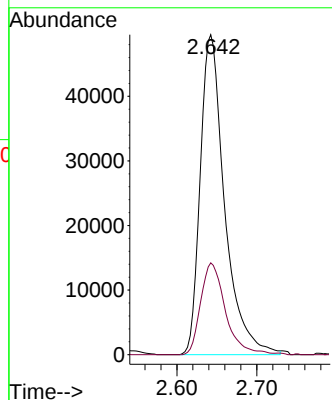
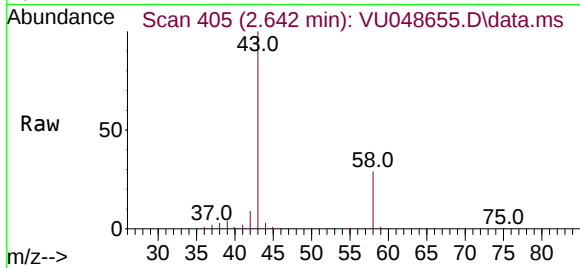
DBTF7MEMSD

Tgt Ion: 43 Resp: 105179

Ion Ratio Lower Upper

43 100

58 29.1 0.0 59.8



#14

Carbon disulfide

Concen: 39.902 ug/L

RT: 2.758 min Scan# 441

Delta R.T. -0.039 min

Lab File: VU048655.D

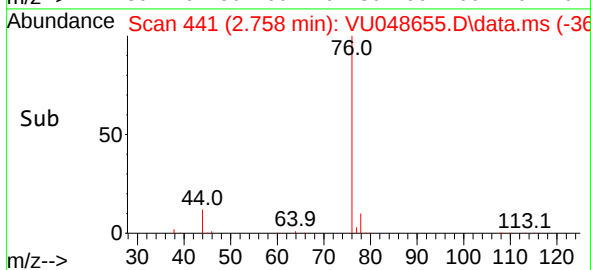
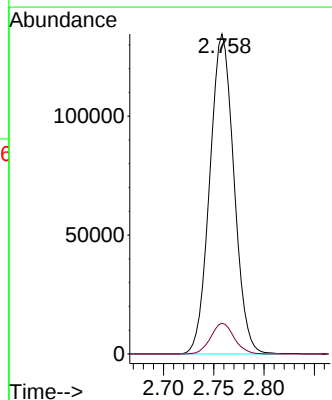
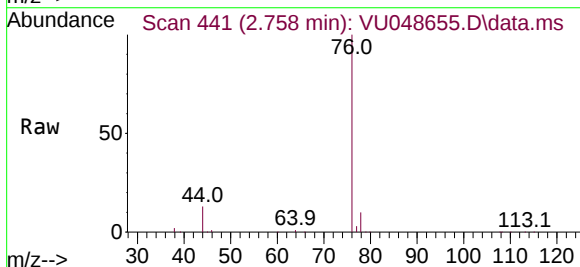
Acq: 23 May 2022 16:09

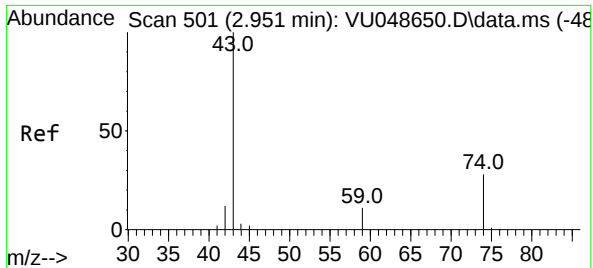
Tgt Ion: 76 Resp: 225040

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

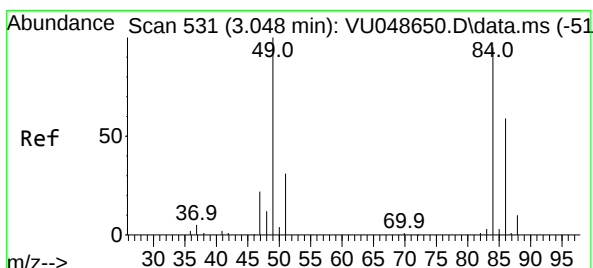
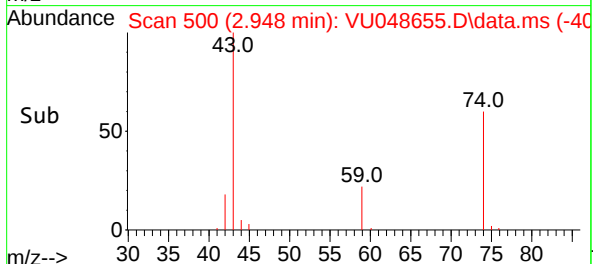
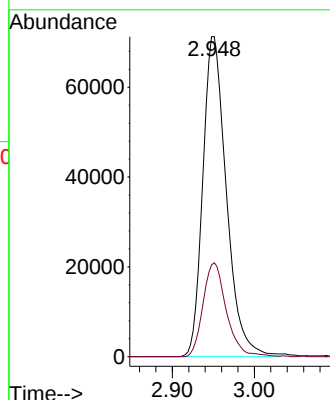
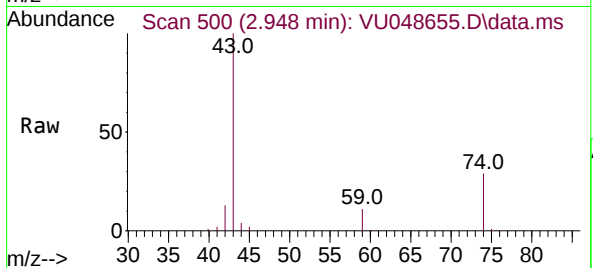




#15
Methyl Acetate
Concen: 58.932 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

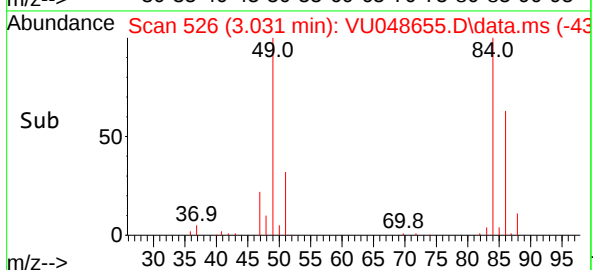
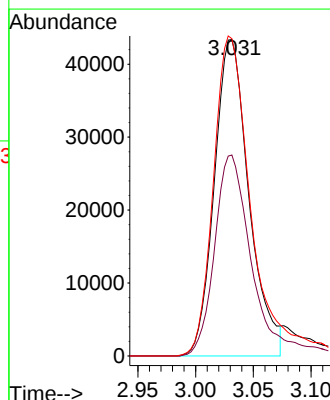
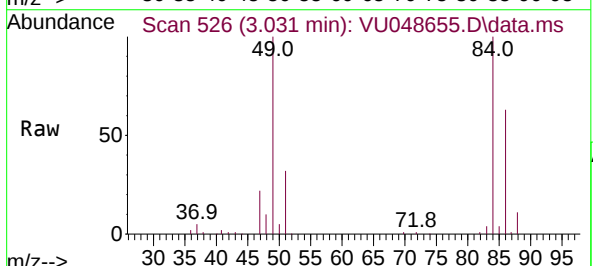
Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

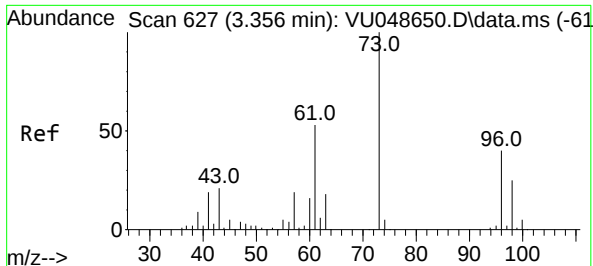
Tgt Ion: 43 Resp: 142265
Ion Ratio Lower Upper
43 100
74 29.0 21.7 32.5



#16
Methylene chloride
Concen: 39.966 ug/L
RT: 3.031 min Scan# 526
Delta R.T. -0.016 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion: 84 Resp: 90424
Ion Ratio Lower Upper
84 100
86 63.5 43.5 80.9
49 100.2 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 44.169 ug/L

RT: 3.334 min Scan# 61

Delta R.T. -0.023 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

DBTF7MEMSD

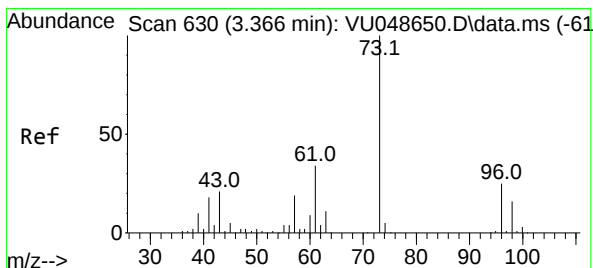
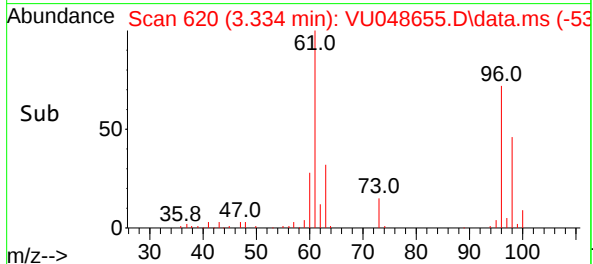
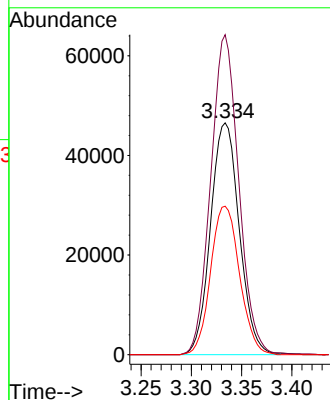
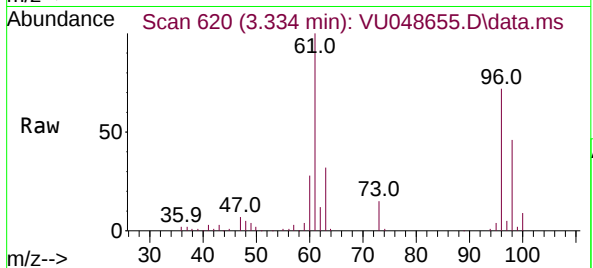
Tgt Ion: 96 Resp: 92583

Ion Ratio Lower Upper

96 100

61 138.0 94.2 175.0

98 64.1 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 46.185 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.003 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

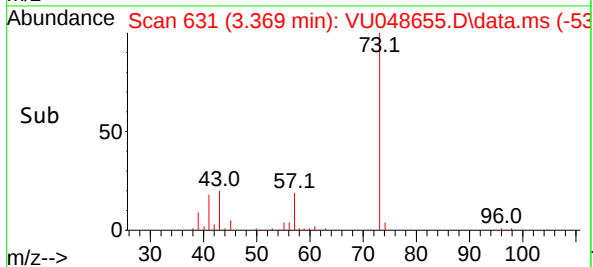
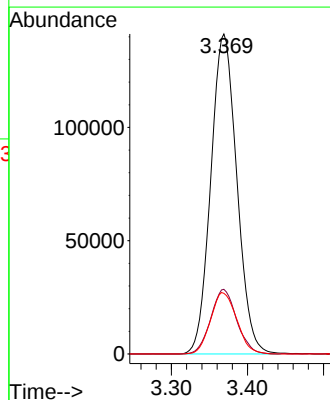
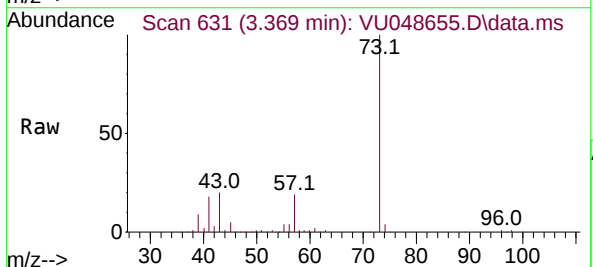
Tgt Ion: 73 Resp: 335878

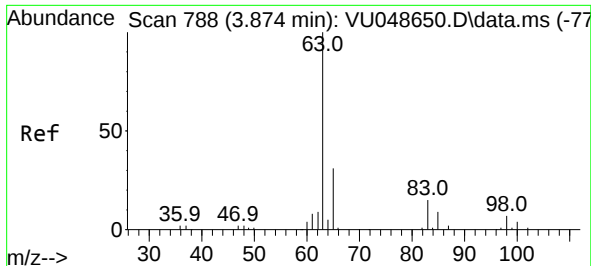
Ion Ratio Lower Upper

73 100

43 20.1 16.2 24.4

57 19.3 15.7 23.5





#19

1,1-Dichloroethane

Concen: 44.472 ug/L

RT: 3.855 min Scan# 71

Delta R.T. -0.019 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

DBTF7MEMSD

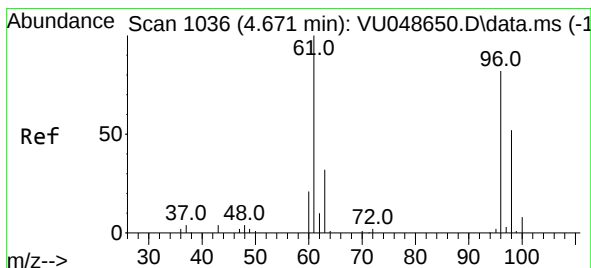
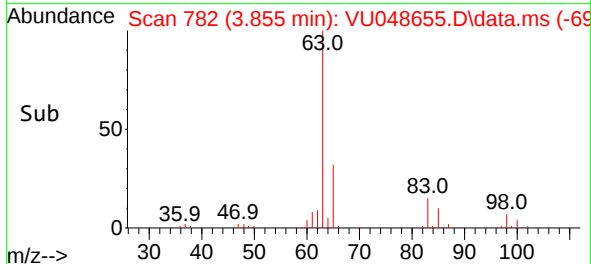
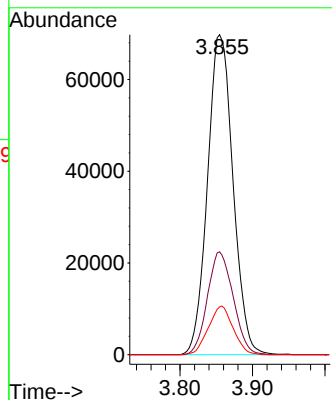
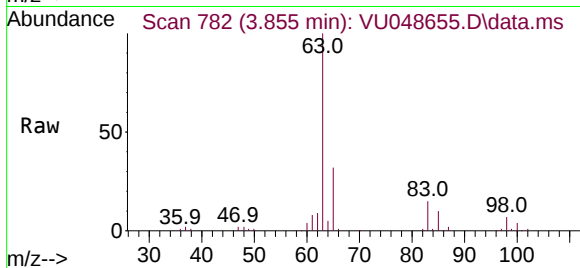
Tgt Ion: 63 Resp: 170663

Ion Ratio Lower Upper

63 100

65 32.1 21.8 40.6

83 14.9 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 44.817 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.013 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

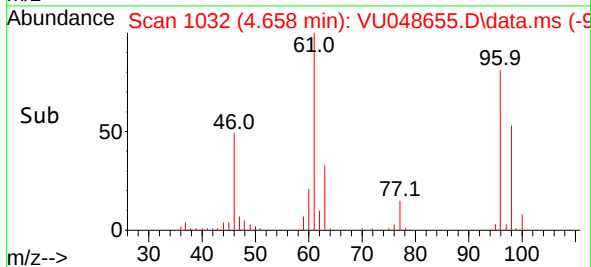
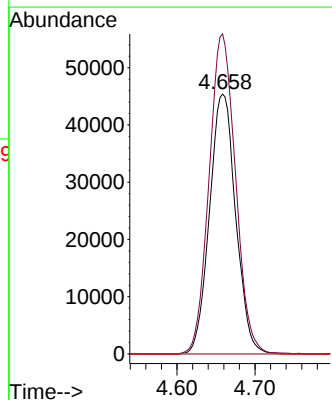
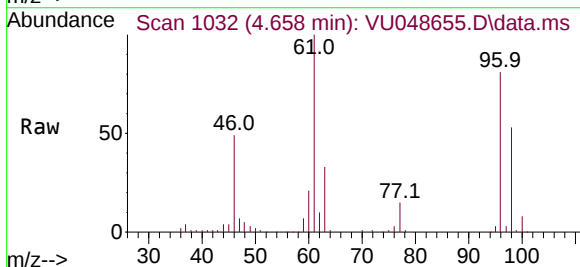
Tgt Ion: 96 Resp: 105942

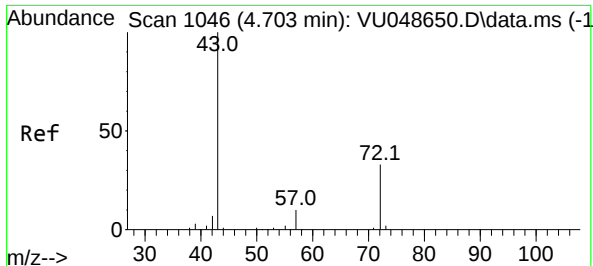
Ion Ratio Lower Upper

96 100

61 123.1 88.3 164.1

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 80.288 ug/L

RT: 4.710 min Scan# 110

Delta R.T. 0.006 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

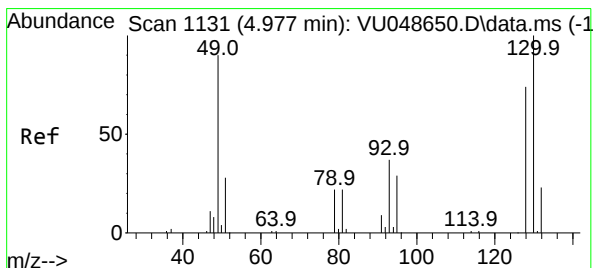
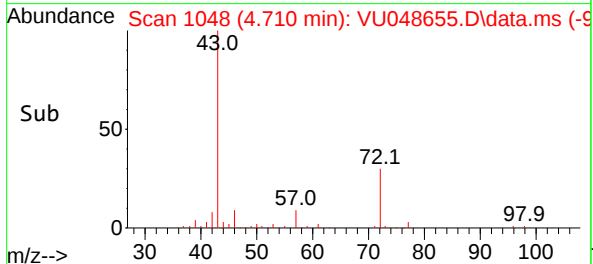
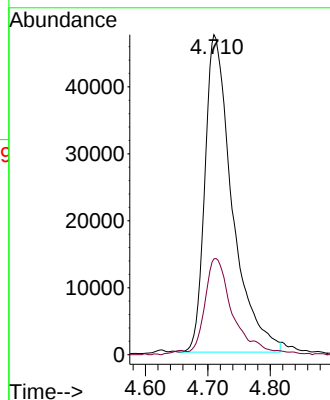
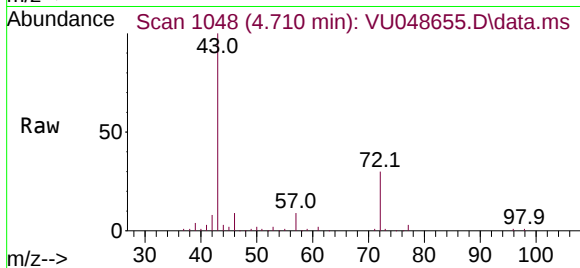
DBTF7MEMSD

Tgt Ion: 43 Resp: 144194

Ion Ratio Lower Upper

43 100

72 26.5 15.4 46.2



#23

Bromochloromethane

Concen: 44.854 ug/L

RT: 4.967 min Scan# 1128

Delta R.T. -0.010 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

Tgt Ion: 128 Resp: 58835

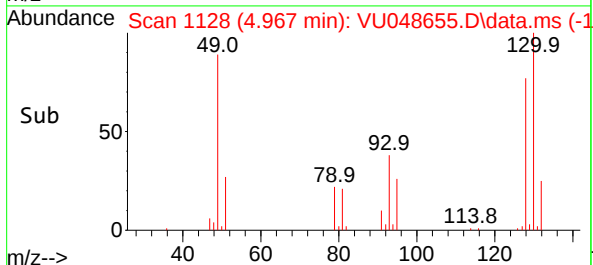
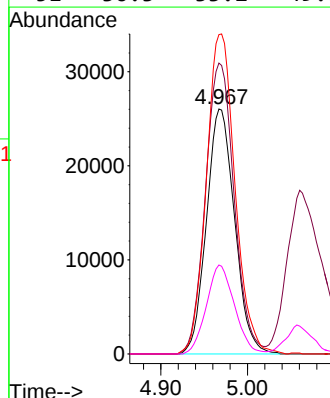
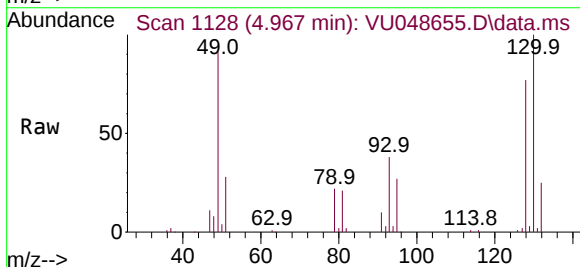
Ion Ratio Lower Upper

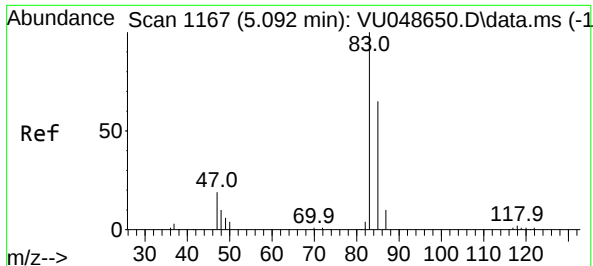
128 100

49 118.7 91.9 170.7

130 130.4 88.4 164.2

51 36.3 33.2 49.8





#25

Chloroform

Concen: 45.209 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.010 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

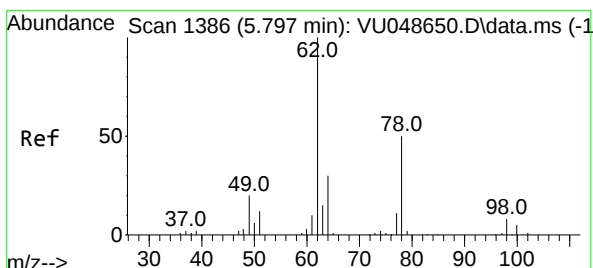
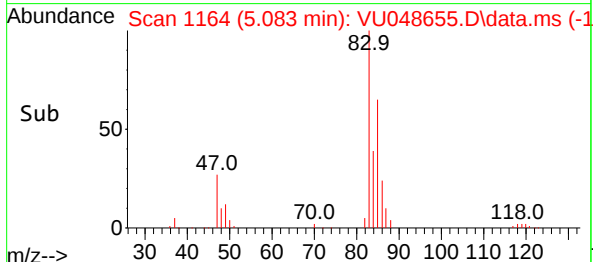
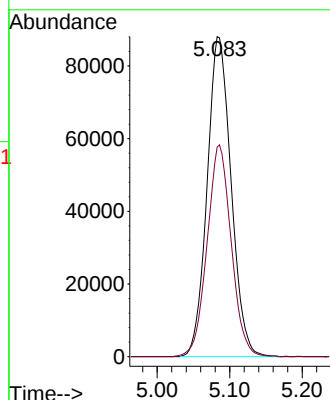
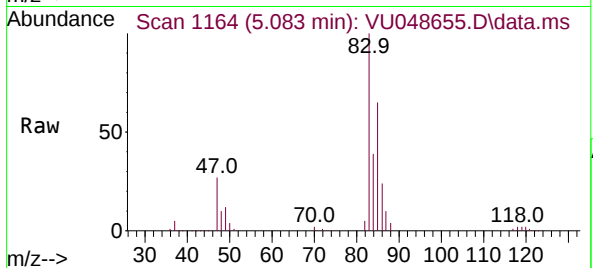
DBTF7MEMSD

Tgt Ion: 83 Resp: 202502

Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 45.491 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048655.D

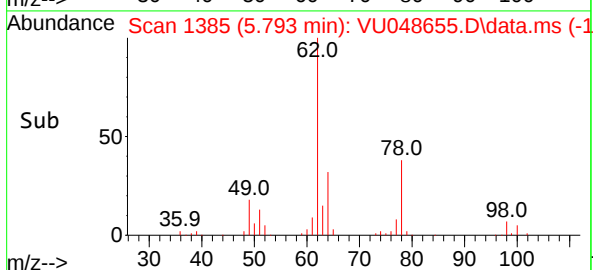
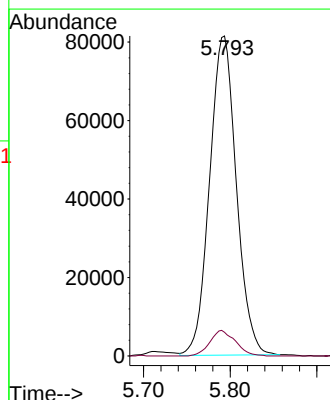
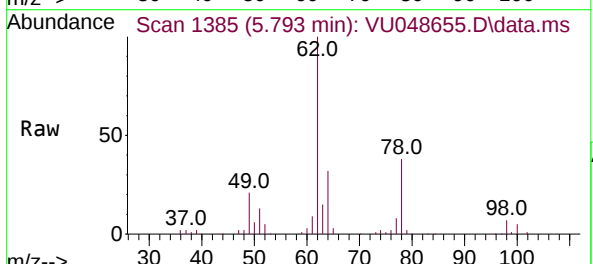
Acq: 23 May 2022 16:09

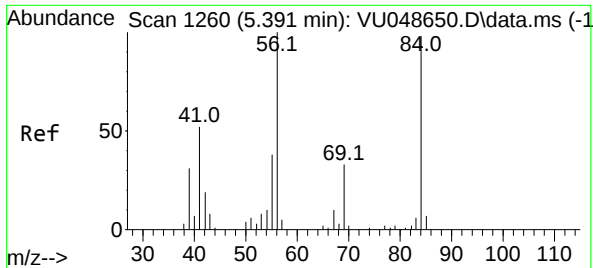
Tgt Ion: 62 Resp: 174799

Ion Ratio Lower Upper

62 100

98 7.4 6.0 9.0





#29

Cyclohexane

Concen: 42.227 ug/L

RT: 5.375 min Scan# 1

Delta R.T. -0.016 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

DBTF7MEMSD

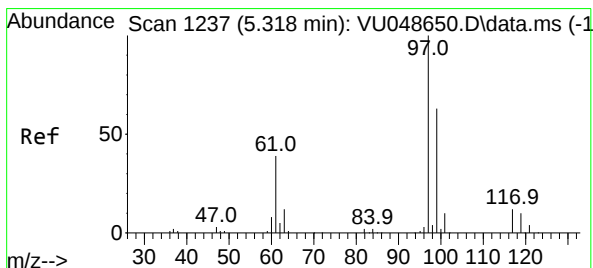
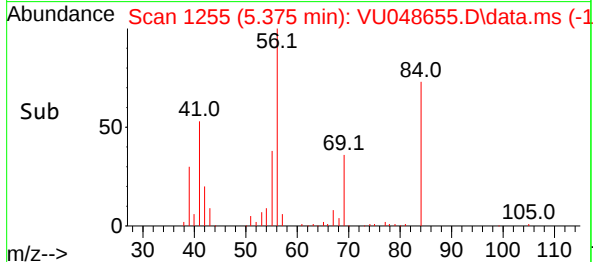
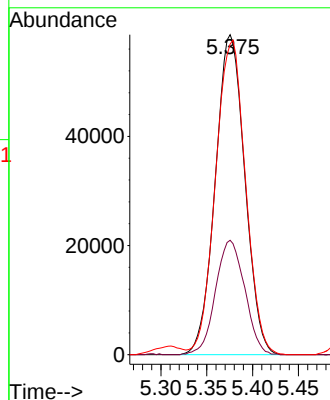
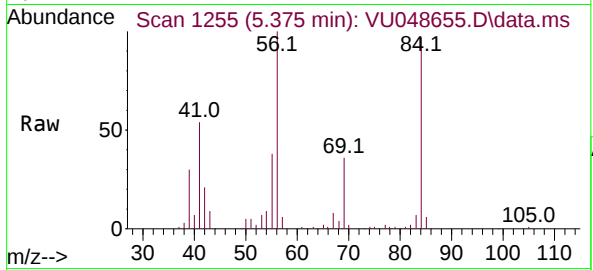
Tgt Ion: 56 Resp: 131470

Ion Ratio Lower Upper

56 100

69 35.3 26.5 39.7

84 99.9 78.0 117.0



#30

1,1,1-Trichloroethane

Concen: 44.424 ug/L

RT: 5.308 min Scan# 1234

Delta R.T. -0.010 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

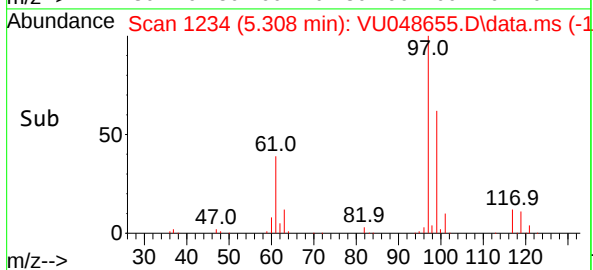
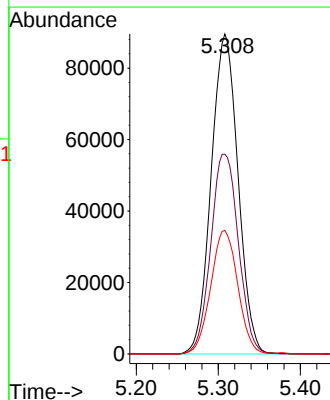
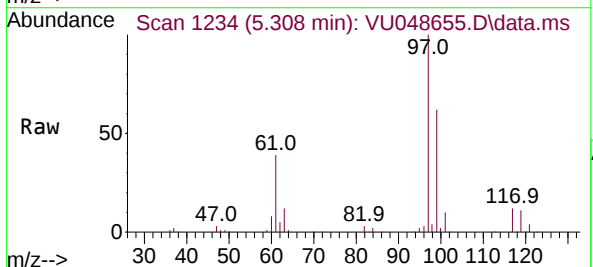
Tgt Ion: 97 Resp: 203892

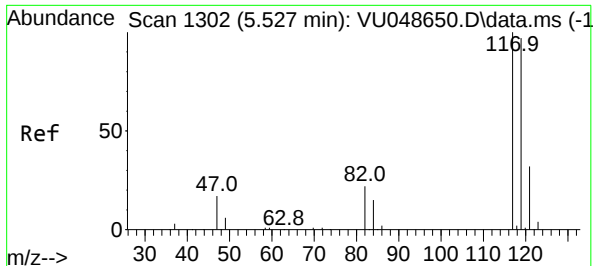
Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 38.9 32.6 48.8

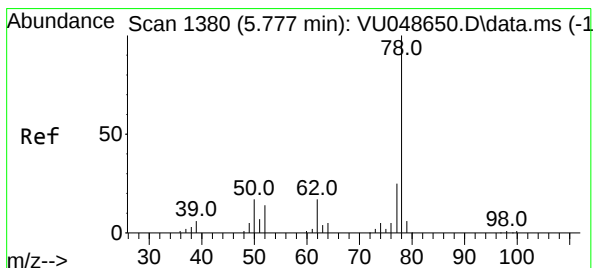
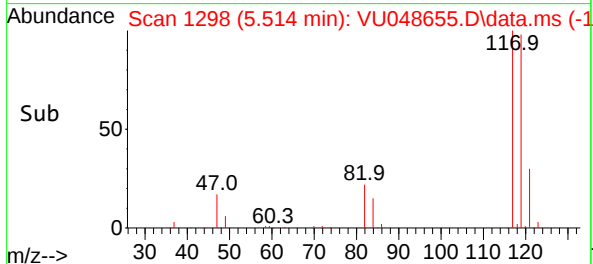
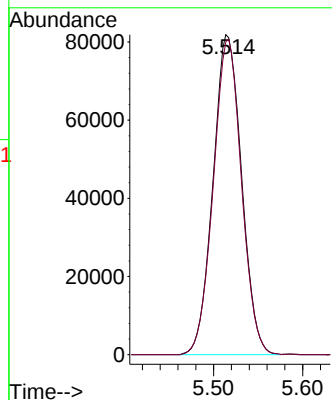
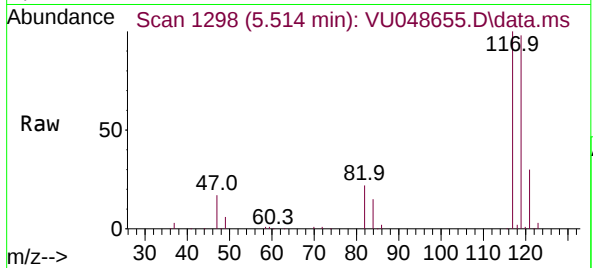




#31
Carbon tetrachloride
Concen: 43.524 ug/L
RT: 5.514 min Scan# 117
Delta R.T. -0.013 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

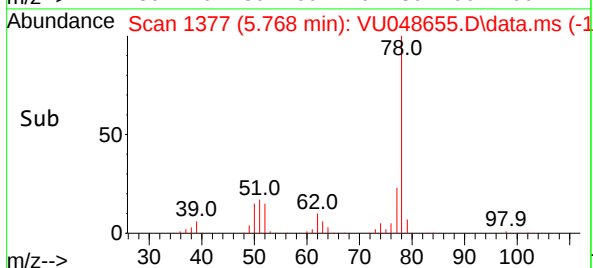
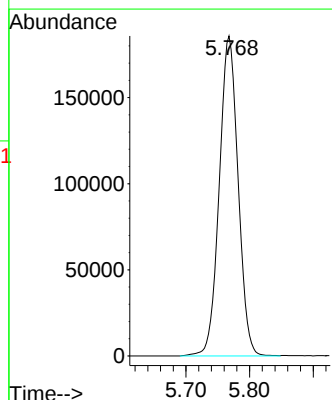
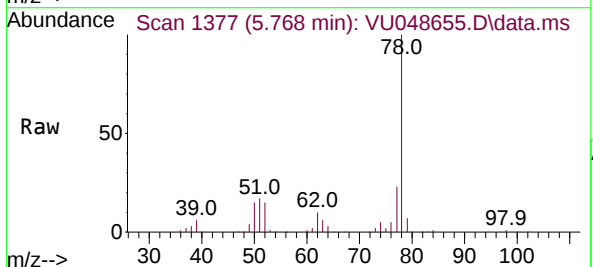
Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

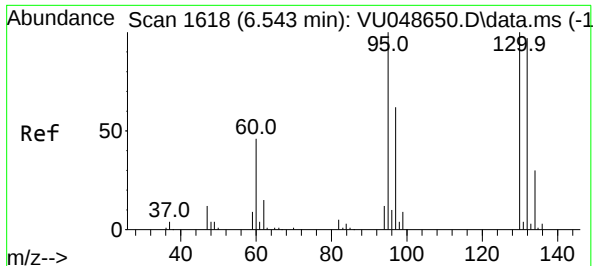
Tgt Ion:117 Resp: 182052
Ion Ratio Lower Upper
117 100
119 97.3 76.0 114.0



#33
Benzene
Concen: 43.151 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.010 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion: 78 Resp: 382138

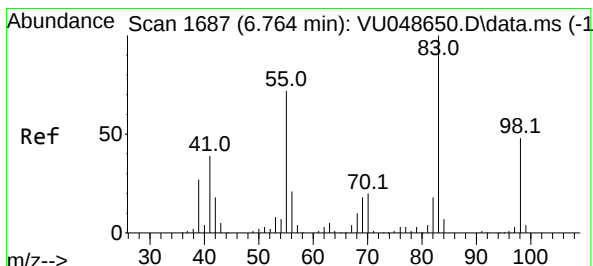
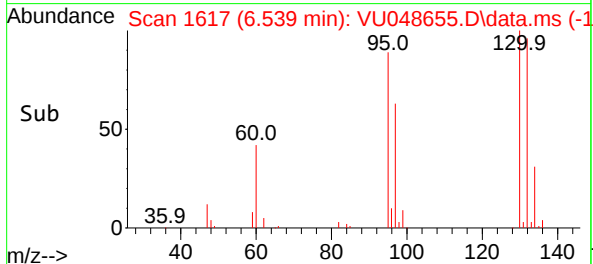
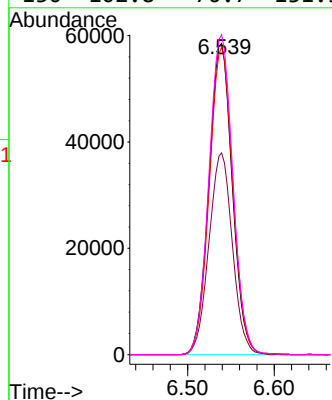
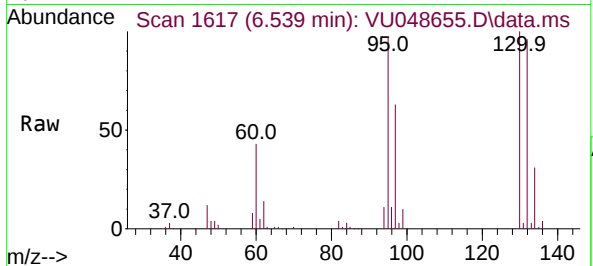




#34
Trichloroethene
Concen: 43.865 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

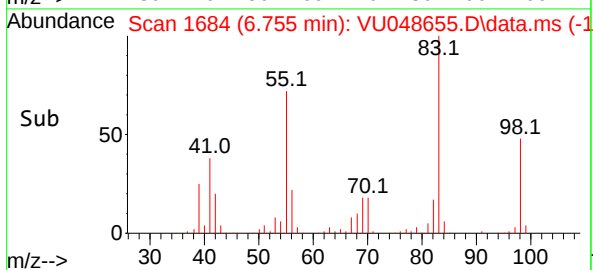
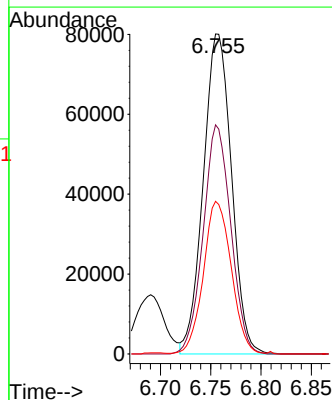
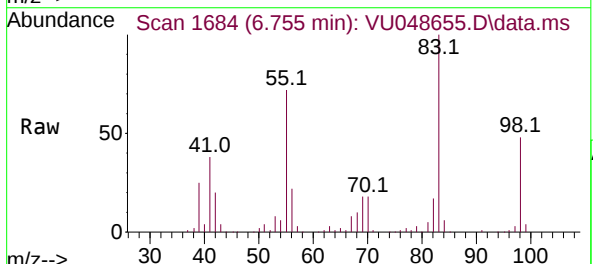
Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

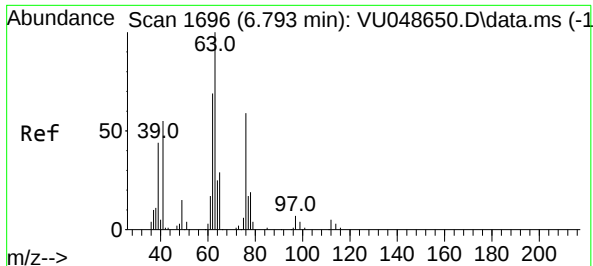
Tgt Ion: 95 Resp: 109905
Ion Ratio Lower Upper
95 100
97 64.8 45.2 84.0
132 98.9 67.3 124.9
130 102.8 70.7 131.3



#35
Methylcyclohexane
Concen: 43.529 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.010 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion: 83 Resp: 156507
Ion Ratio Lower Upper
83 100
55 70.0 56.2 84.4
98 46.8 38.2 57.2

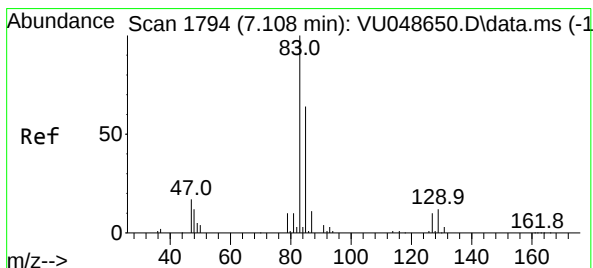
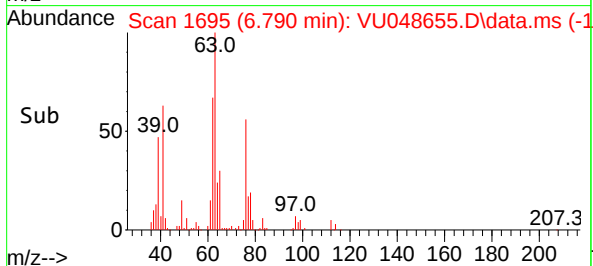
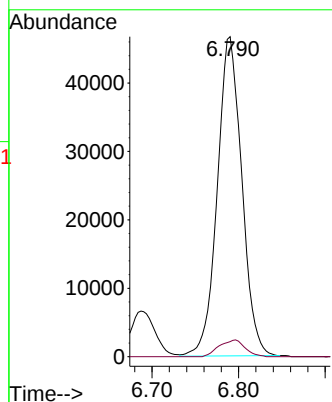
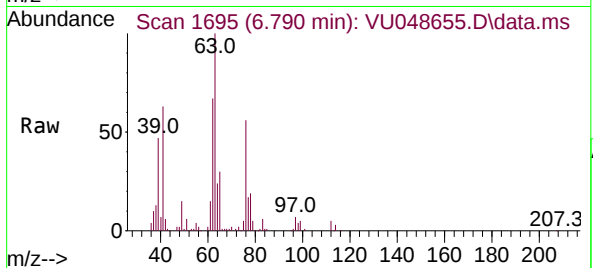




#37
1,2-Dichloropropane
Concen: 41.457 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

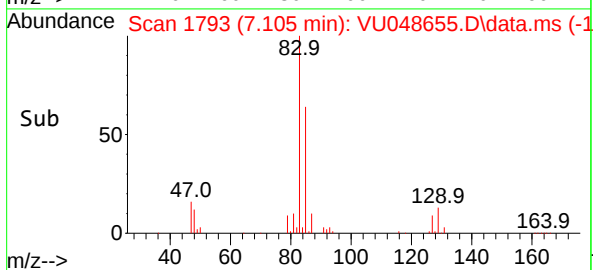
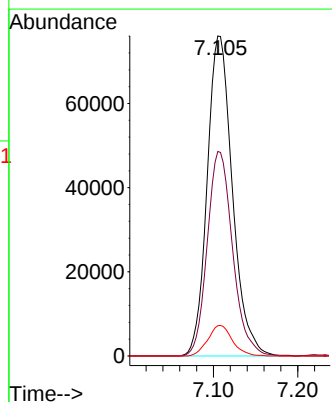
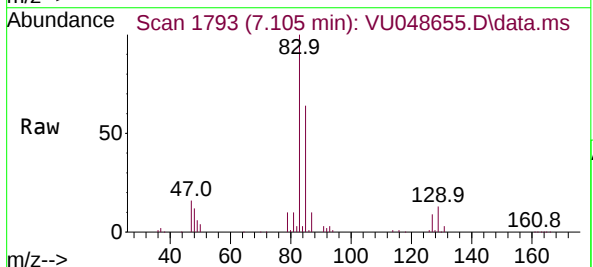
Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

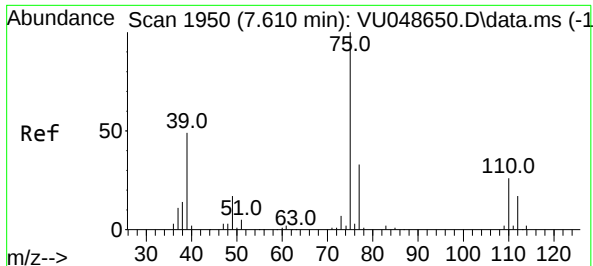
Tgt Ion: 63 Resp: 91801
Ion Ratio Lower Upper
63 100
112 5.5 3.7 5.5#



#38
Bromodichloromethane
Concen: 44.248 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion: 83 Resp: 158528
Ion Ratio Lower Upper
83 100
85 63.9 46.1 85.5
127 9.4 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 45.994 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

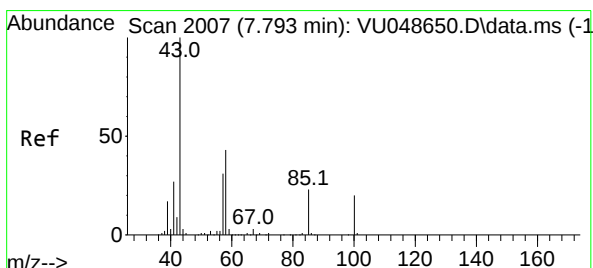
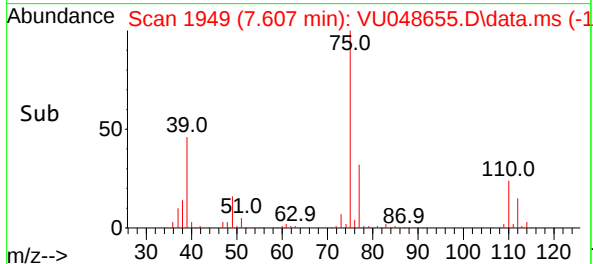
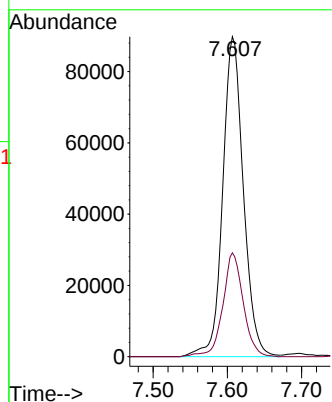
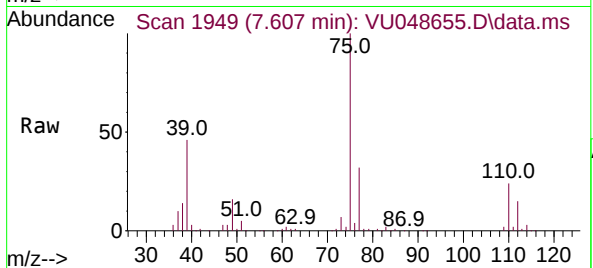
DBTF7MEMSD

Tgt Ion: 75 Resp: 173889

Ion Ratio Lower Upper

75 100

77 32.5 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 85.770 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

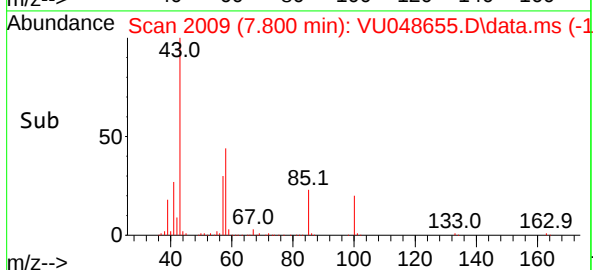
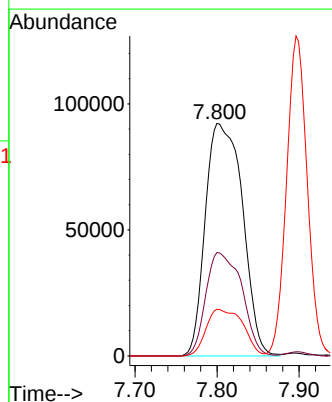
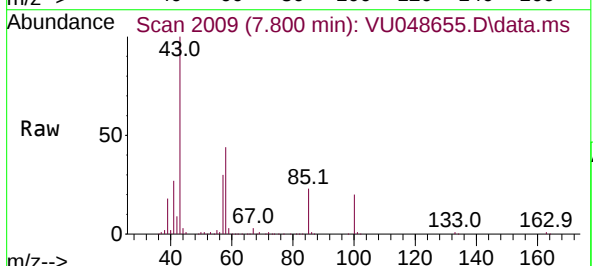
Tgt Ion: 43 Resp: 289836

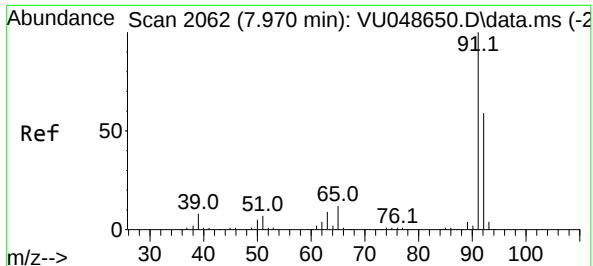
Ion Ratio Lower Upper

43 100

58 43.1 34.3 51.5

100 19.9 14.7 22.1





#42

Toluene

Concen: 44.630 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

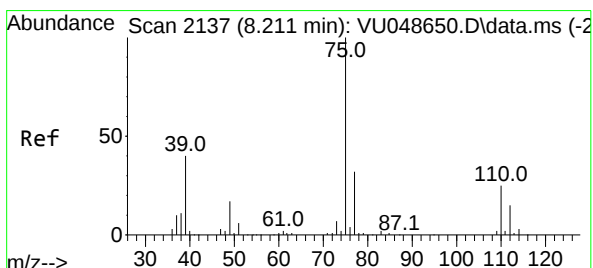
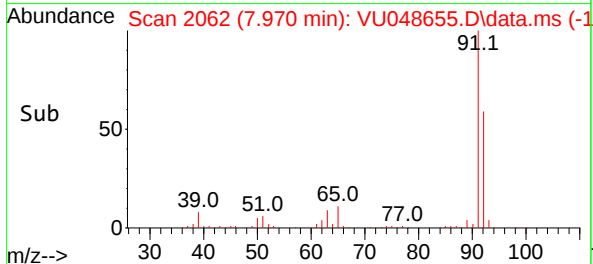
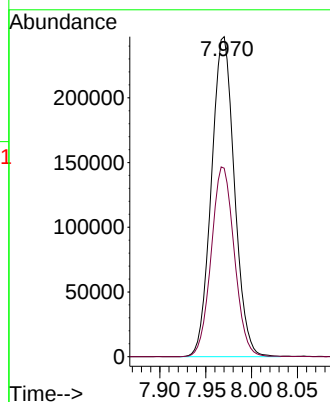
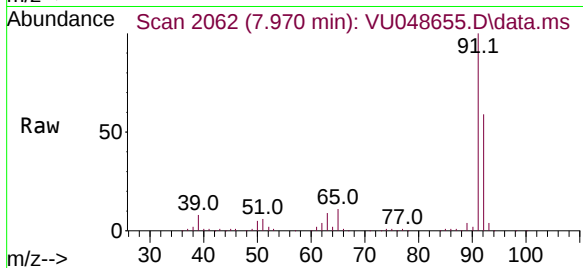
DBTF7MEMSD

Tgt Ion: 91 Resp: 430793

Ion Ratio Lower Upper

91 100

92 58.9 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 46.181 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048655.D

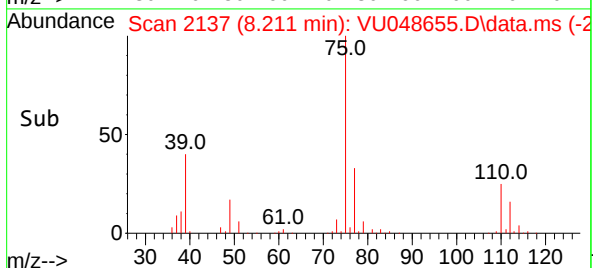
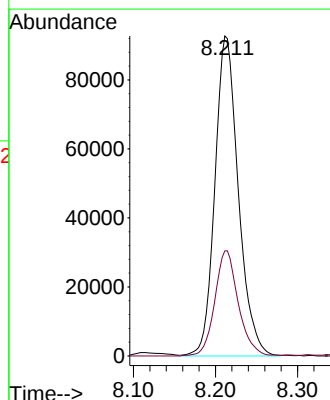
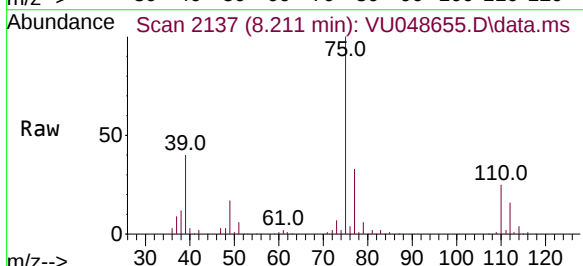
Acq: 23 May 2022 16:09

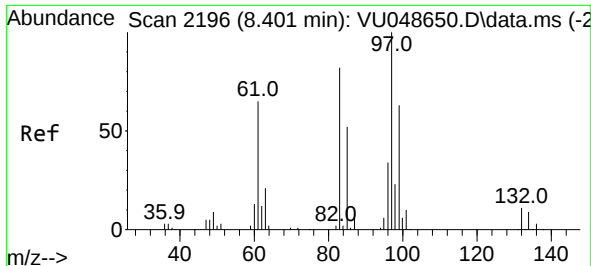
Tgt Ion: 75 Resp: 184125

Ion Ratio Lower Upper

75 100

77 32.9 22.7 42.1



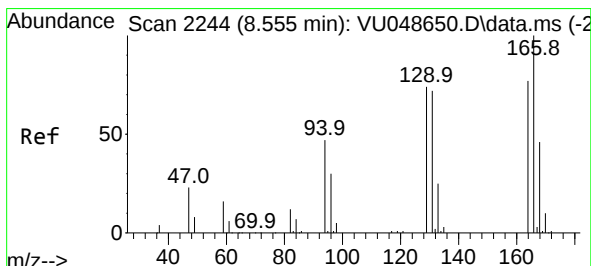
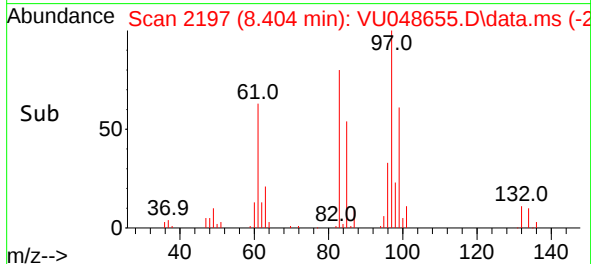
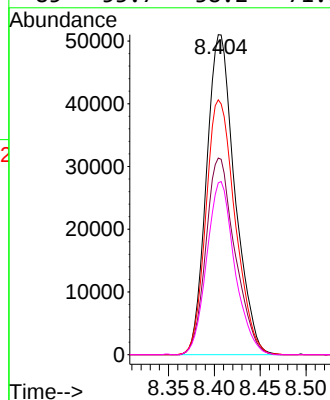
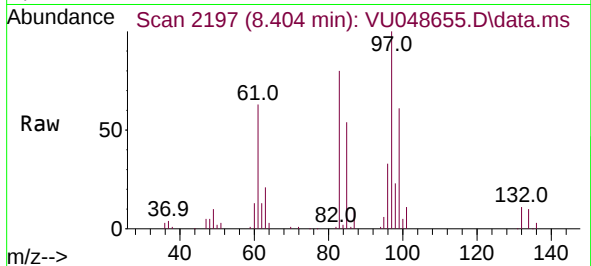


#45
1,1,2-Trichloroethane
Concen: 46.296 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

Tgt Ion: 97 Resp: 109783

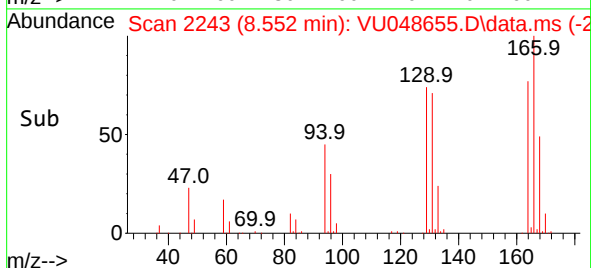
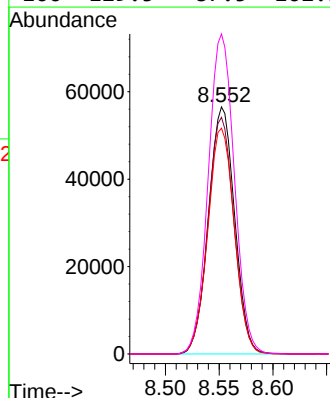
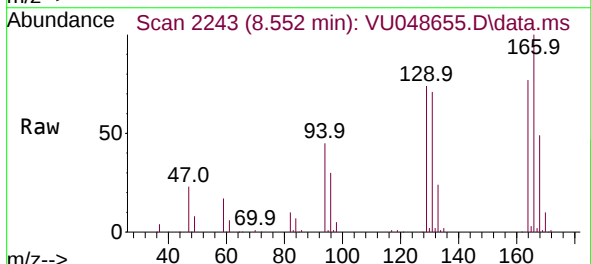
Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.2	78.4
83	79.7	58.4	108.6
85	53.7	38.2	71.0

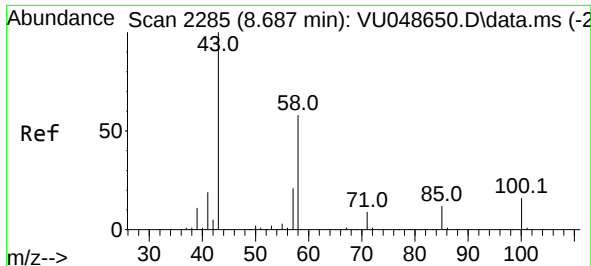


#46
Tetrachloroethene
Concen: 46.890 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion: 164 Resp: 95868

Ion	Ratio	Lower	Upper
164	100		
129	95.8	64.3	119.3
131	91.4	64.5	119.7
166	129.5	87.5	162.5

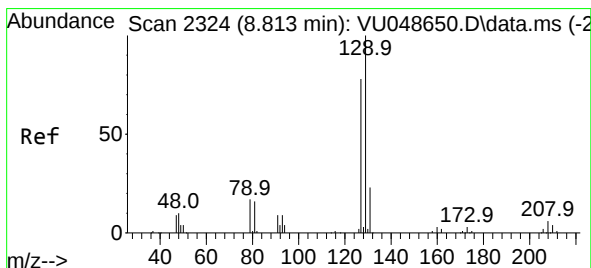
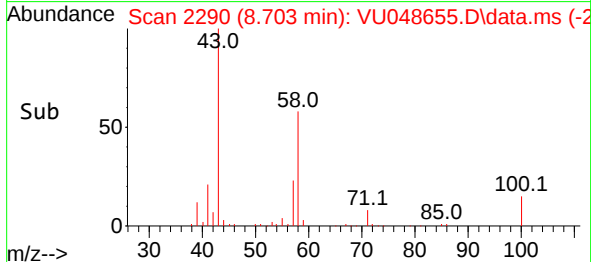
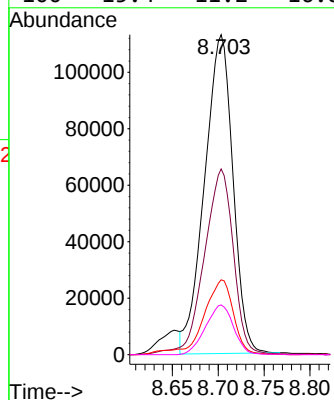
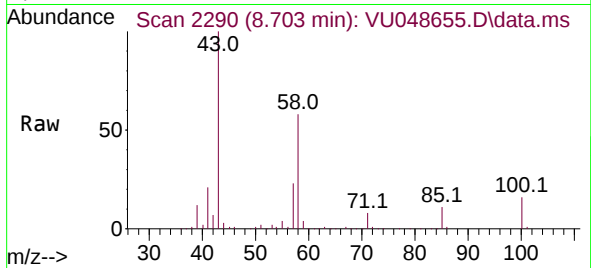




#48
2-Hexanone
Concen: 83.913 ug/L
RT: 8.703 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

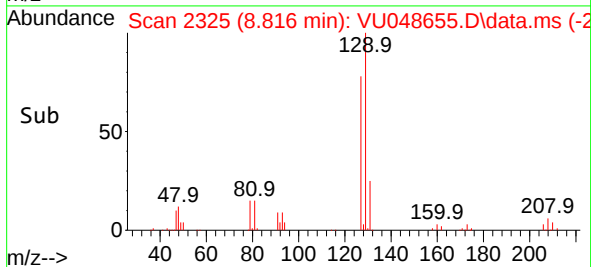
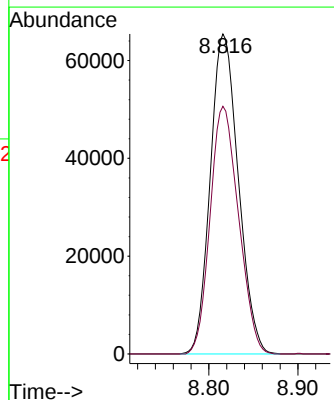
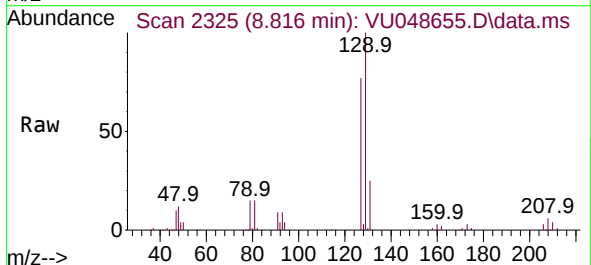
Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

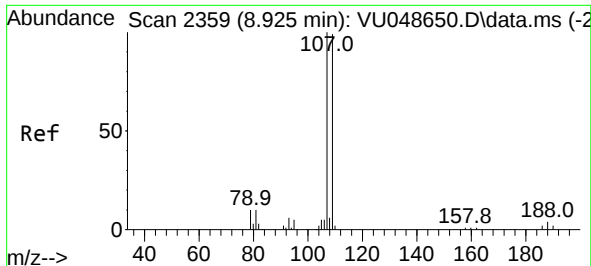
Tgt Ion: 43 Resp: 242955
Ion Ratio Lower Upper
43 100
58 59.9 45.8 68.6
57 24.9 16.8 25.2
100 15.4 11.2 16.8



#49
Dibromochloromethane
Concen: 47.051 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion: 129 Resp: 143447
Ion Ratio Lower Upper
129 100
127 77.4 53.1 98.5





#50

1,2-Dibromoethane

Concen: 45.259 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

DBTF7MEMSD

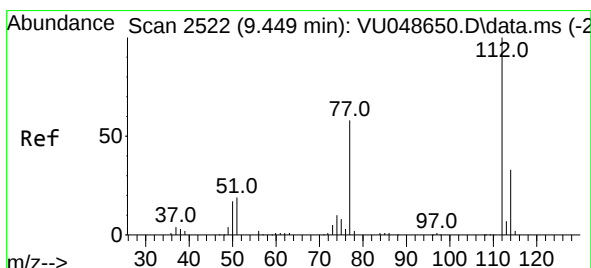
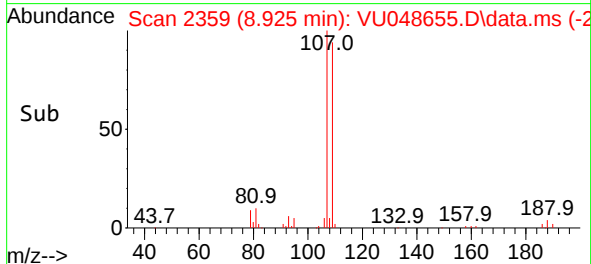
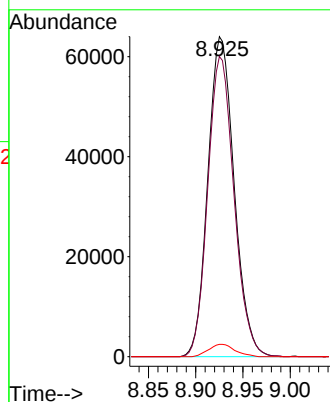
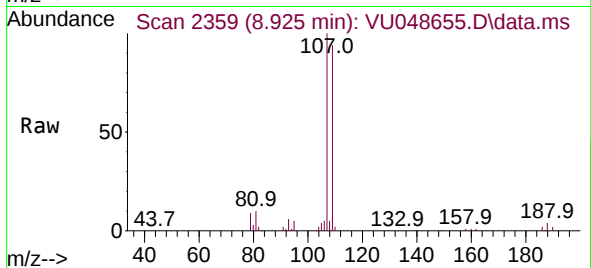
Tgt Ion:107 Resp: 123862

Ion Ratio Lower Upper

107 100

109 93.8 67.5 125.3

188 3.9 3.4 5.2



#51

Chlorobenzene

Concen: 45.671 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

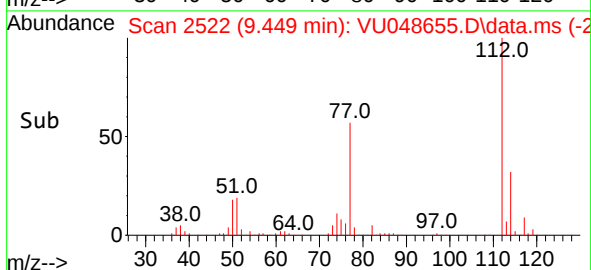
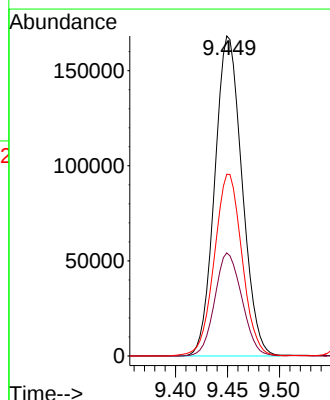
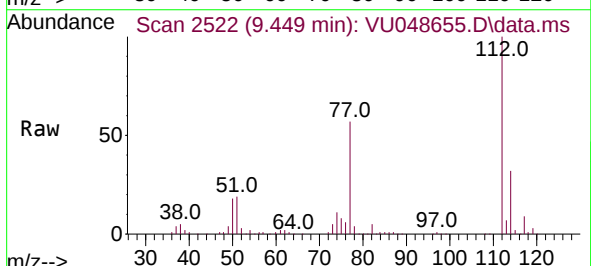
Tgt Ion:112 Resp: 307464

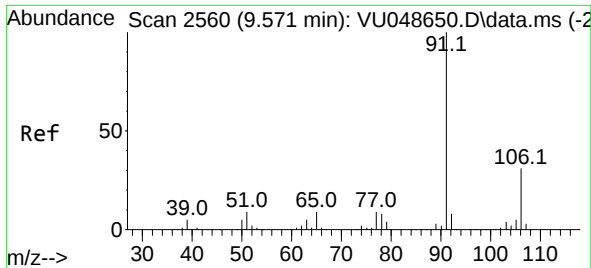
Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.5

77 56.8 46.5 69.7

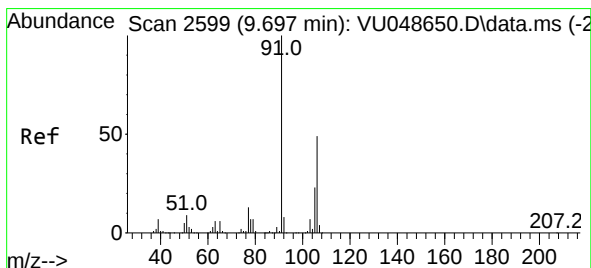
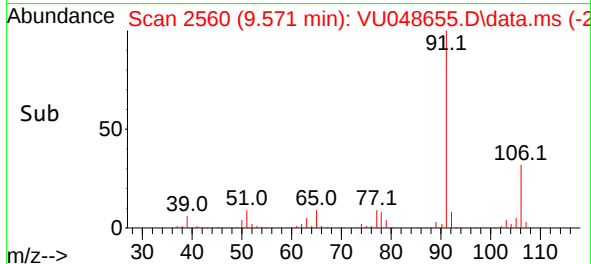
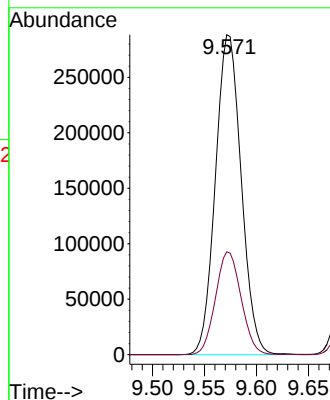
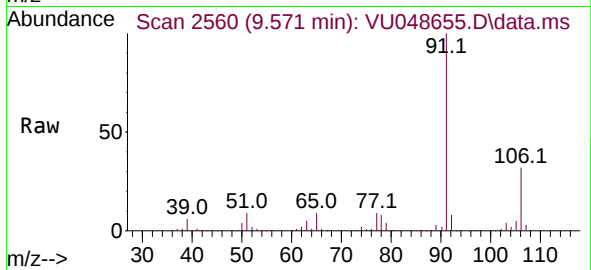




#52
Ethylbenzene
Concen: 45.131 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

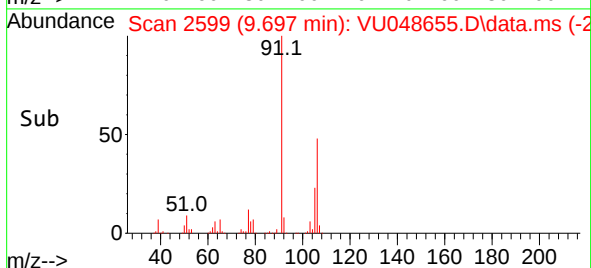
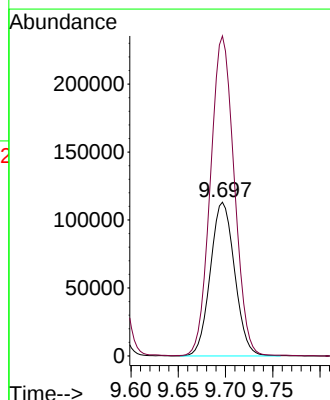
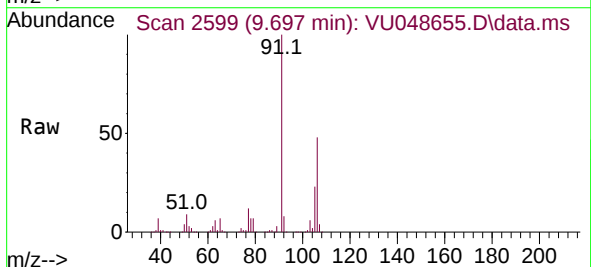
Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

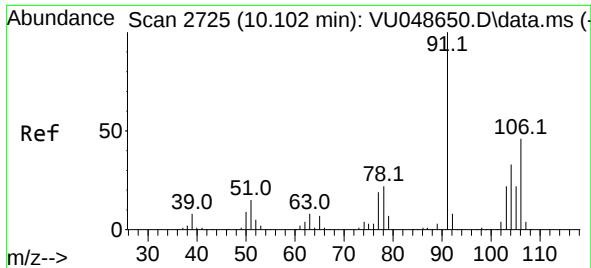
Tgt Ion: 91 Resp: 497831
Ion Ratio Lower Upper
91 100
106 32.1 21.8 40.6



#53
m,p-Xylene
Concen: 45.558 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion: 106 Resp: 201954
Ion Ratio Lower Upper
106 100
91 208.0 141.8 263.4

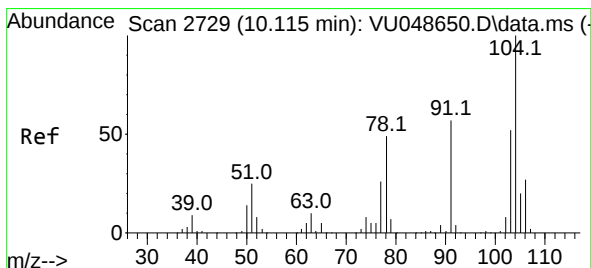
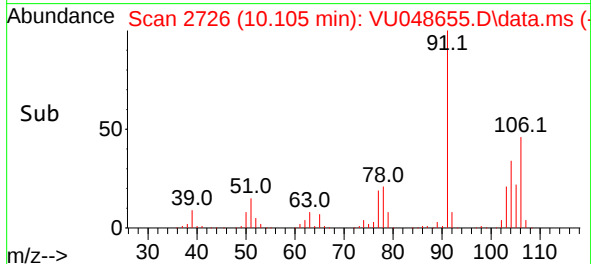
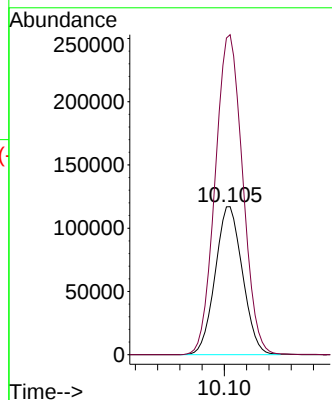
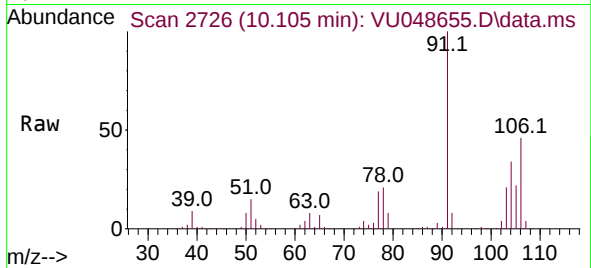




#54
o-Xylene
Concen: 46.947 ug/L
RT: 10.105 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

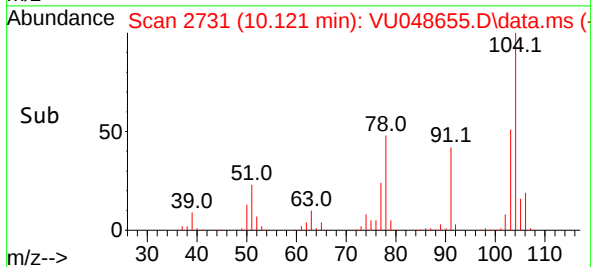
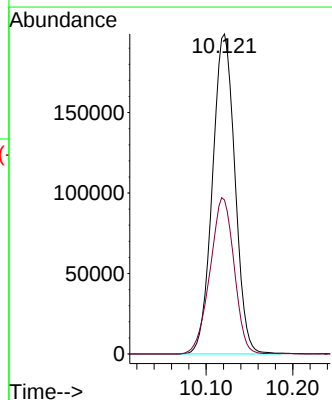
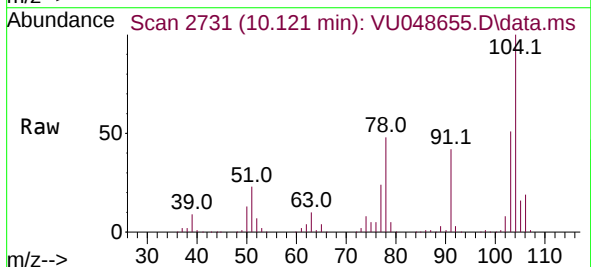
Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

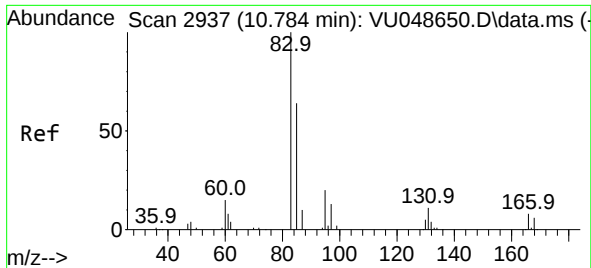
Tgt Ion:106 Resp: 199374
Ion Ratio Lower Upper
106 100
91 216.3 150.1 278.9



#55
Styrene
Concen: 48.645 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.006 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion:104 Resp: 359186
Ion Ratio Lower Upper
104 100
78 48.1 32.7 60.7

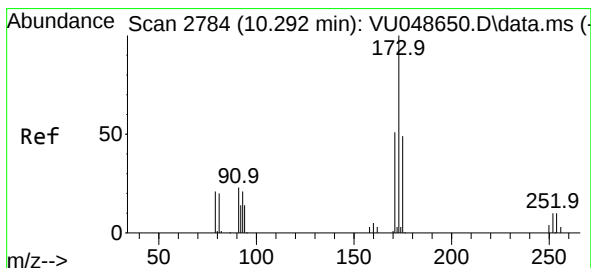
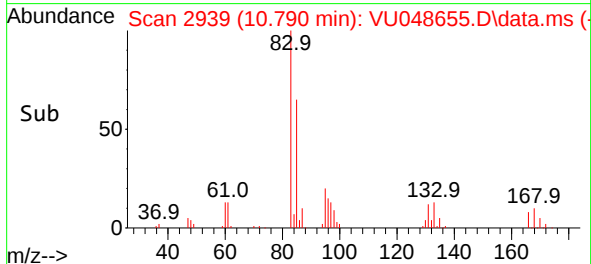
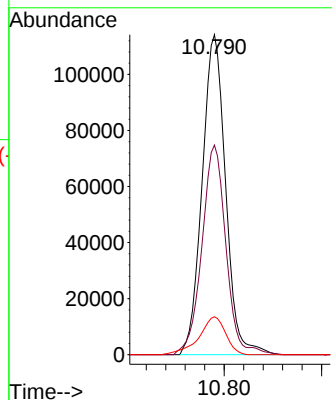
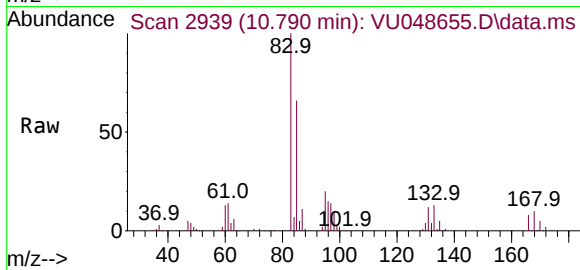




#57
1,1,2,2-Tetrachloroethane
Concen: 46.570 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.006 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

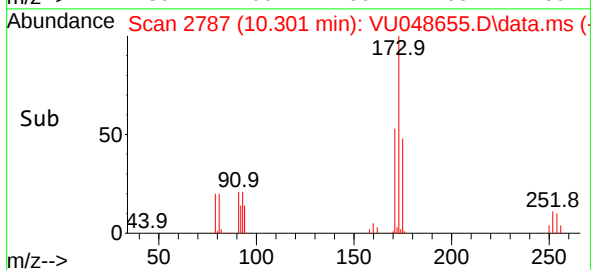
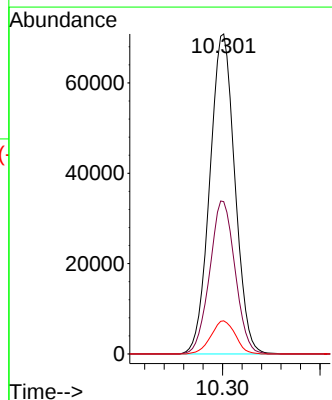
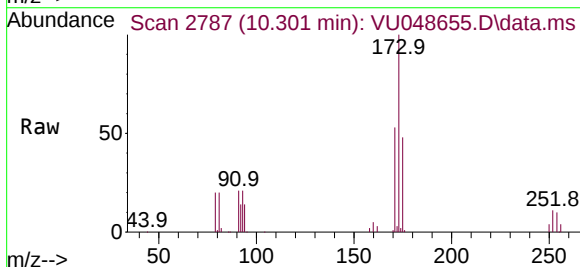
Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

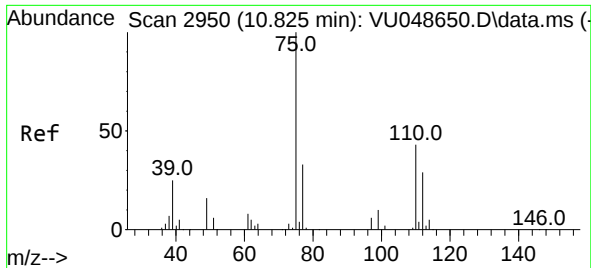
Tgt Ion: 83 Resp: 190858
Ion Ratio Lower Upper
83 100
85 65.5 44.1 81.9
131 11.8 8.9 13.3



#59
Bromoform
Concen: 47.441 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.010 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion:173 Resp: 126423
Ion Ratio Lower Upper
173 100
175 48.3 38.2 57.4
254 10.1 7.7 11.5

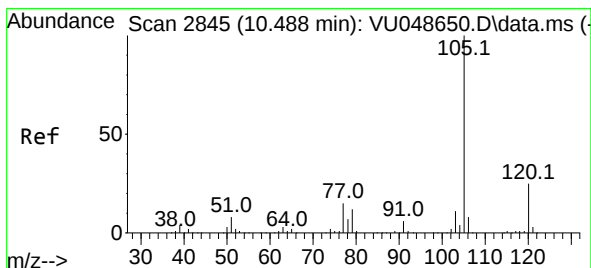
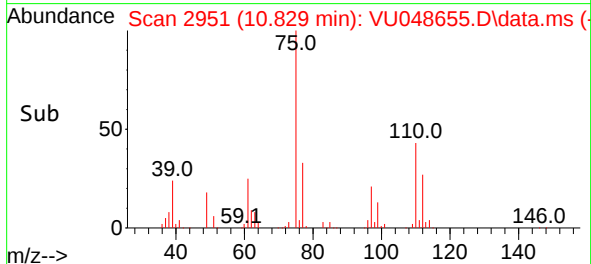
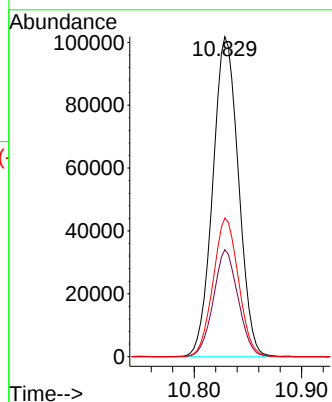
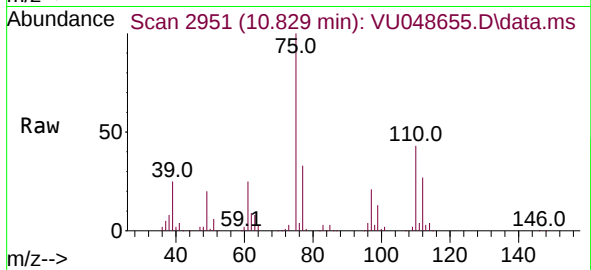




#60
1,2,3-Trichloropropane
Concen: 43.964 ug/L
RT: 10.829 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

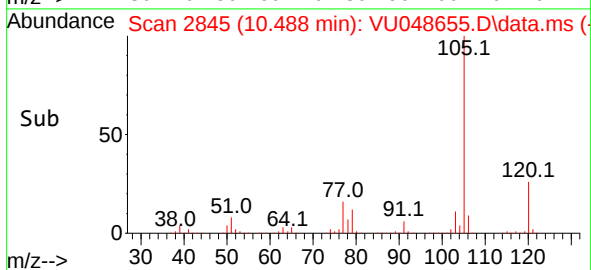
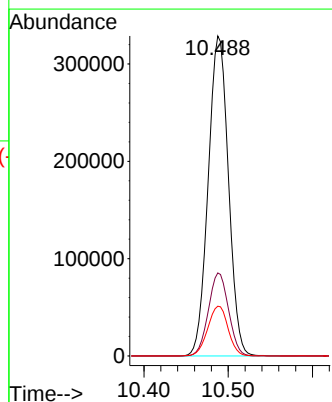
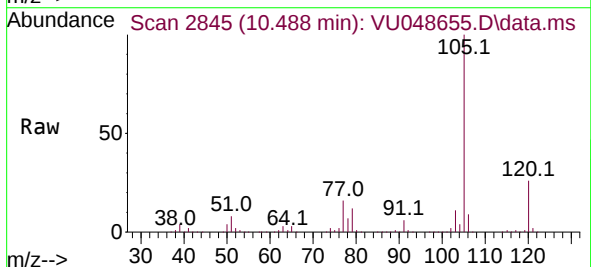
Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

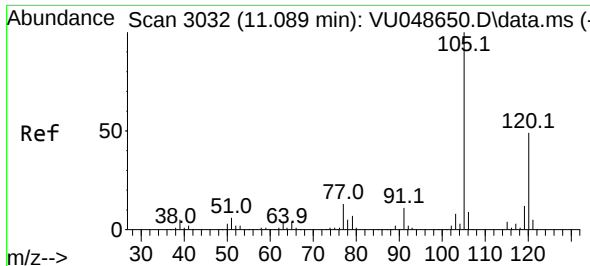
Tgt Ion: 75 Resp: 169033
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 42.8 32.1 48.1



#61
Isopropylbenzene
Concen: 45.930 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion: 105 Resp: 548371
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 15.7 12.5 18.7

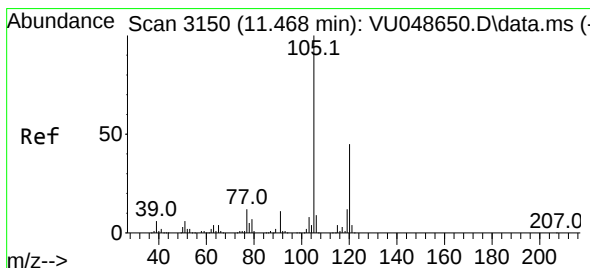
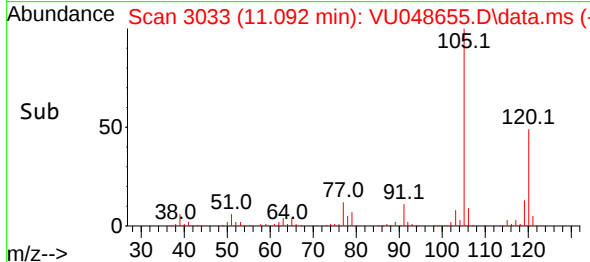
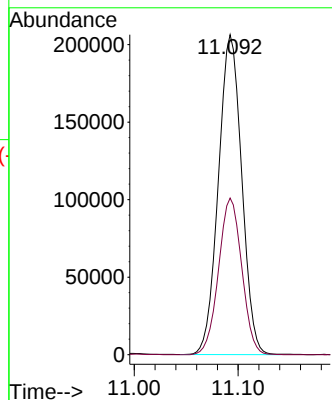
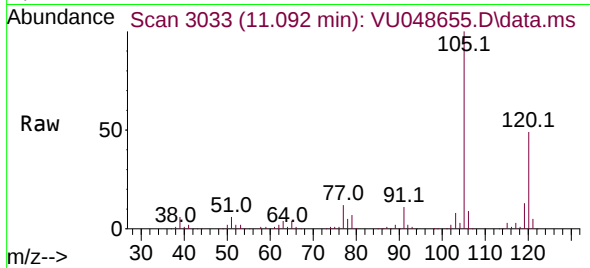




#62
 1,3,5-Trimethylbenzene
 Concen: 47.384 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. 0.003 min
 Lab File: VU048655.D
 Acq: 23 May 2022 16:09

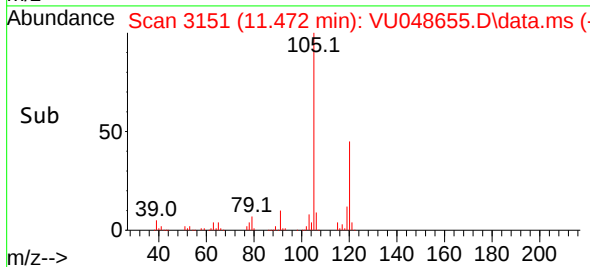
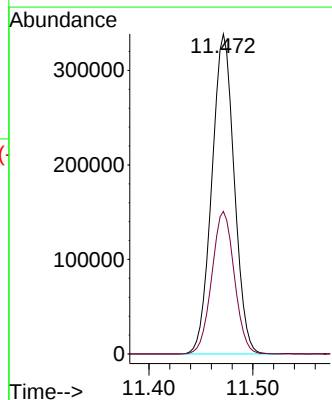
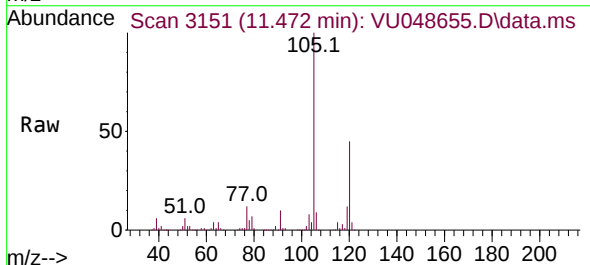
Instrument :
 MSVOA_U
 ClientSampleId :
 DBTF7MEMSD

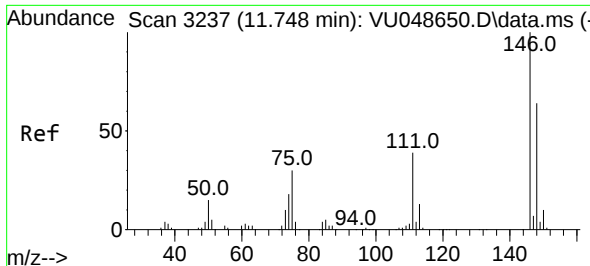
Tgt Ion:105 Resp: 321626
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 47.971 ug/L
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU048655.D
 Acq: 23 May 2022 16:09

Tgt Ion:105 Resp: 506324
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.4 53.2

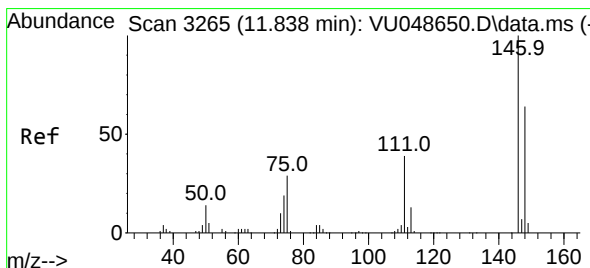
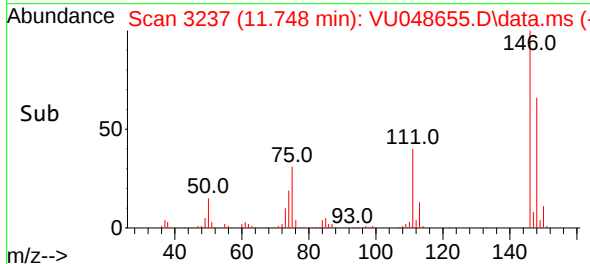
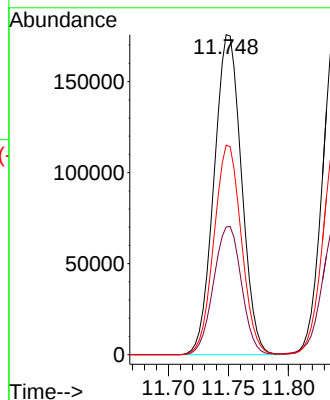
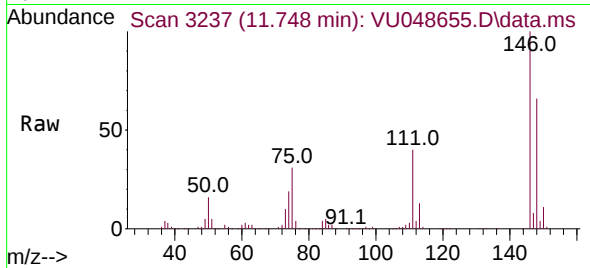




#64
1,3-Dichlorobenzene
Concen: 45.509 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

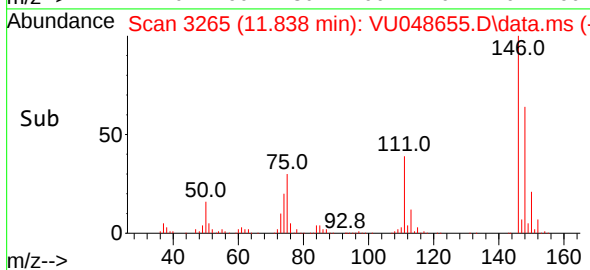
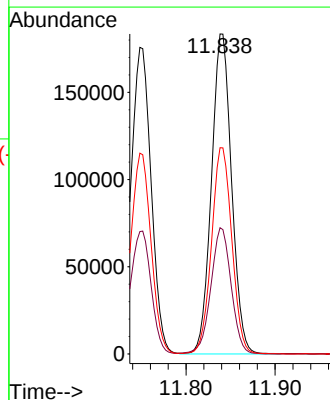
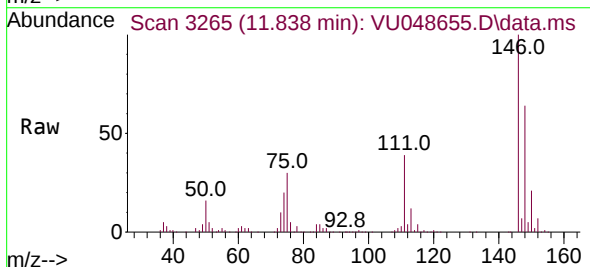
Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

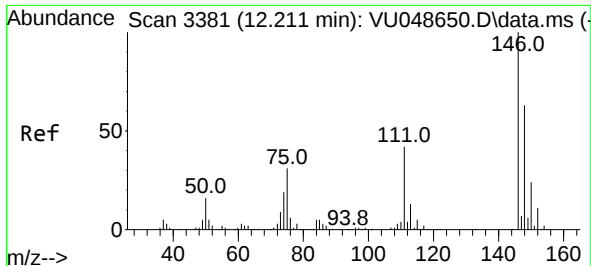
Tgt Ion:146 Resp: 280200
Ion Ratio Lower Upper
146 100
111 39.9 28.7 53.3
148 65.5 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 45.080 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion:146 Resp: 288029
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.2
148 64.5 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 45.122 ug/L

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

DBTF7MEMSD

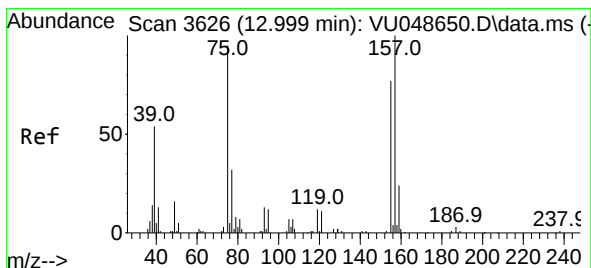
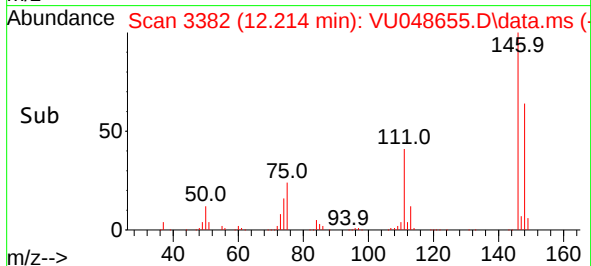
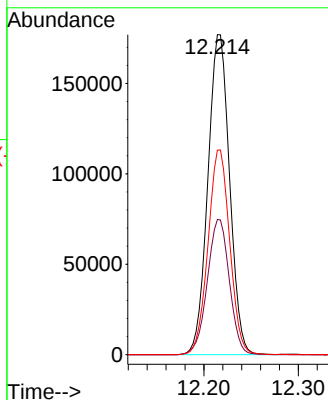
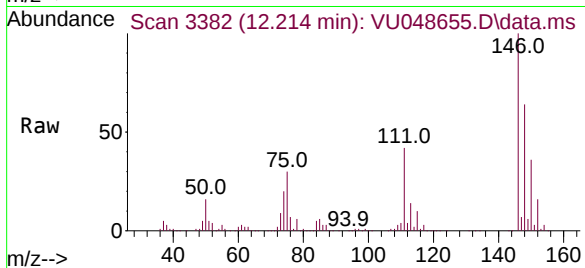
Tgt Ion:146 Resp: 282579

Ion Ratio Lower Upper

146 100

111 42.3 34.1 51.1

148 63.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 39.402 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU048655.D

Acq: 23 May 2022 16:09

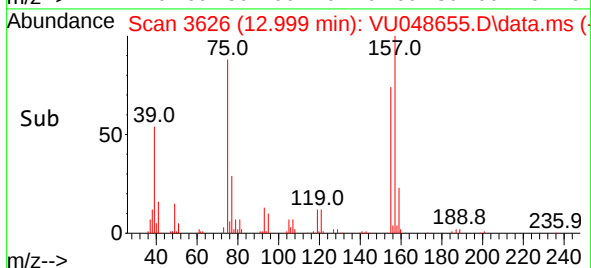
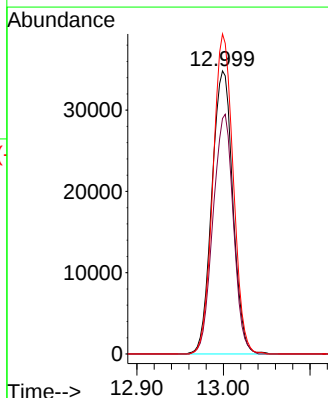
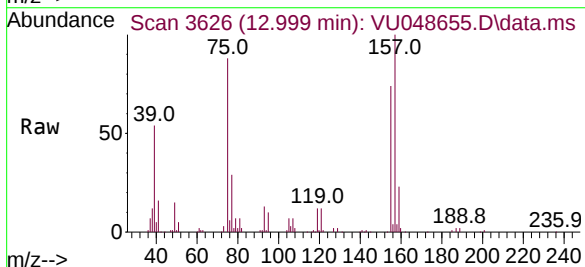
Tgt Ion: 75 Resp: 58573

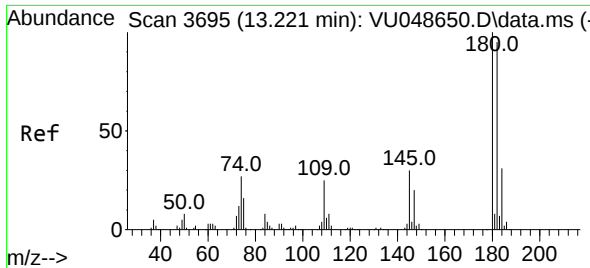
Ion Ratio Lower Upper

75 100

155 83.2 63.5 95.3

157 113.0 83.5 125.3

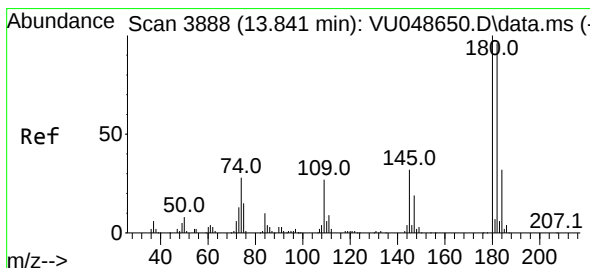
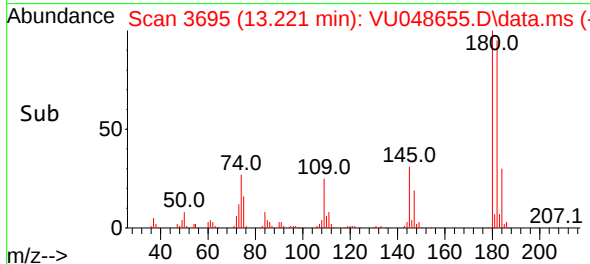
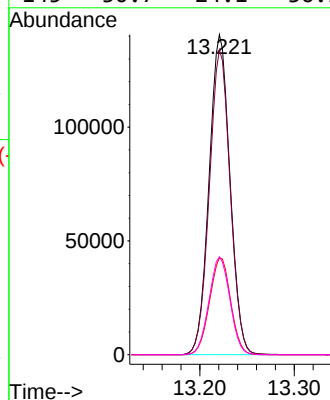
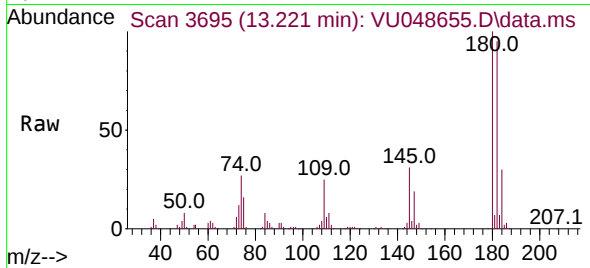




#69
1,3,5-Trichlorobenzene
Concen: 43.945 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

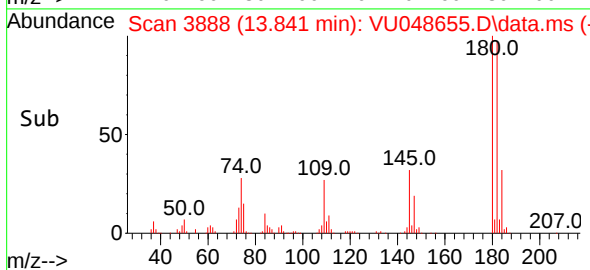
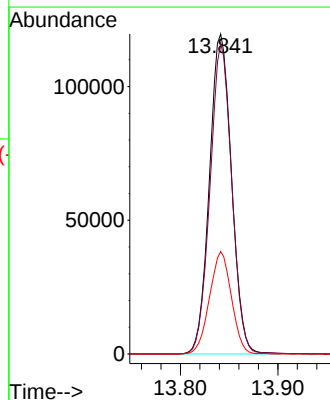
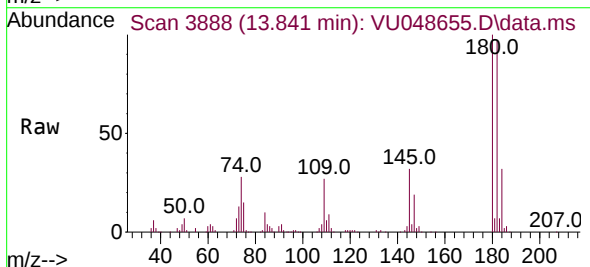
Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

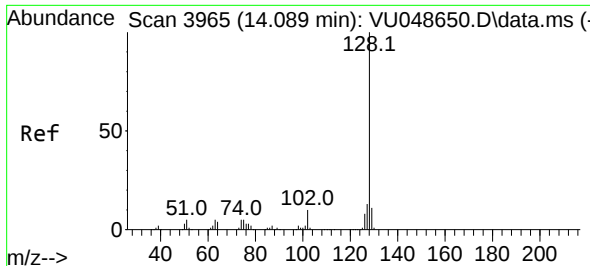
Tgt Ion:	180	Resp:	215659
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.8	113.6
184	30.6	23.4	35.2
145	30.7	24.1	36.1



#70
1,2,4-trichlorobenzene
Concen: 42.457 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion:	180	Resp:	188445
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.8	113.8
145	31.6	24.9	37.3

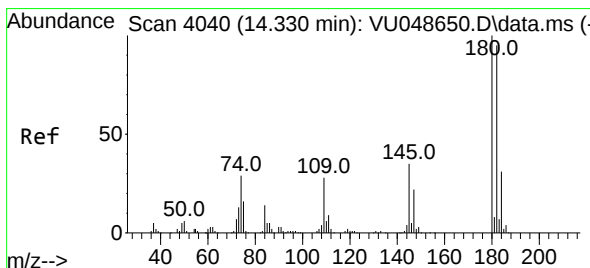
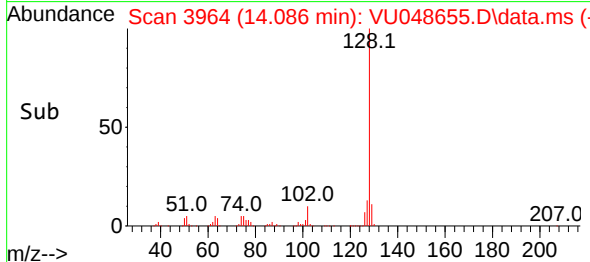
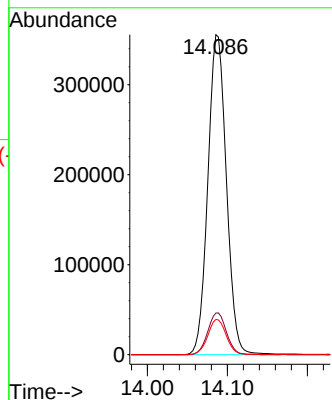
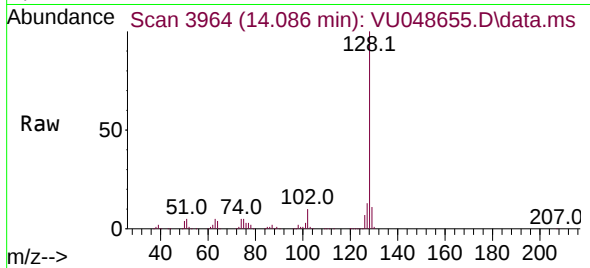




#71
Naphthalene
Concen: 39.180 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

Tgt Ion:128 Resp: 573412
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 42.227 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048655.D
Acq: 23 May 2022 16:09

Tgt Ion:180 Resp: 188179
Ion Ratio Lower Upper
180 100
182 96.0 75.6 113.4
145 33.2 27.1 40.7

