

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051922\
 Data File : VU048639.D
 Acq On : 19 May 2022 18:50
 Operator : SY/MD
 Sample : N2883-06MEMSD
 Misc : 5.54g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4K6MEMSD

Quant Time: May 20 04:43:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 20 04:37:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	302575	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	308221	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	194185	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79553	42.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.860%
7) Chloroethane-d5	1.874	69	45783	32.974	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.940%#
11) 1,1-Dichloroethene-d2	2.539	63	192919	46.029	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.060%
21) 2-Butanone-d5	4.629	46	186357	105.668	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.670%
24) Chloroform-d	5.060	84	240022	51.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.500%
26) 1,2-Dichloroethane-d4	5.700	65	167158	50.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.180%
32) Benzene-d6	5.722	84	410325	47.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.660%
36) 1,2-Dichloropropane-d6	6.690	67	123326	48.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.940%
41) Toluene-d8	7.896	98	396454	49.136	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.280%
43) trans-1,3-Dichloroprop...	8.182	79	78754	48.906	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.820%
47) 2-Hexanone-d5	8.655	63	157345	113.932	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.930%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	226877	54.446	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.900%
66) 1,2-Dichlorobenzene-d4	12.195	152	202458	51.001	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	110220	33.897	ug/L	97
3) Chloromethane	1.520	50	99025	49.357	ug/L	97
5) Vinyl chloride	1.600	62	116913	54.780	ug/L	97
6) Bromomethane	1.825	94	85725	55.638	ug/L	100
8) Chloroethane	1.893	64	45228	36.004	ug/L	99
9) Trichlorofluoromethane	2.079	101	215311	51.677	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	115974	54.587	ug/L	97
12) 1,1-Dichloroethene	2.549	96	104753	53.211	ug/L	97
13) Acetone	2.639	43	125679	87.715	ug/L	99
14) Carbon disulfide	2.764	76	282761	49.495	ug/L	99
15) Methyl Acetate	2.948	43	122581	50.128	ug/L	100
16) Methylene chloride	3.034	84	119671	52.215	ug/L	95
17) trans-1,2-Dichloroethene	3.337	96	114204	53.786	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	414086	56.210	ug/L	98
19) 1,1-Dichloroethane	3.858	63	209393	53.866	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	133548	55.772	ug/L	95
22) 2-Butanone	4.710	43	196318	107.911	ug/L	99
23) Bromochloromethane	4.970	128	72083	54.250	ug/L	92
25) Chloroform	5.086	83	245261	54.054	ug/L	98

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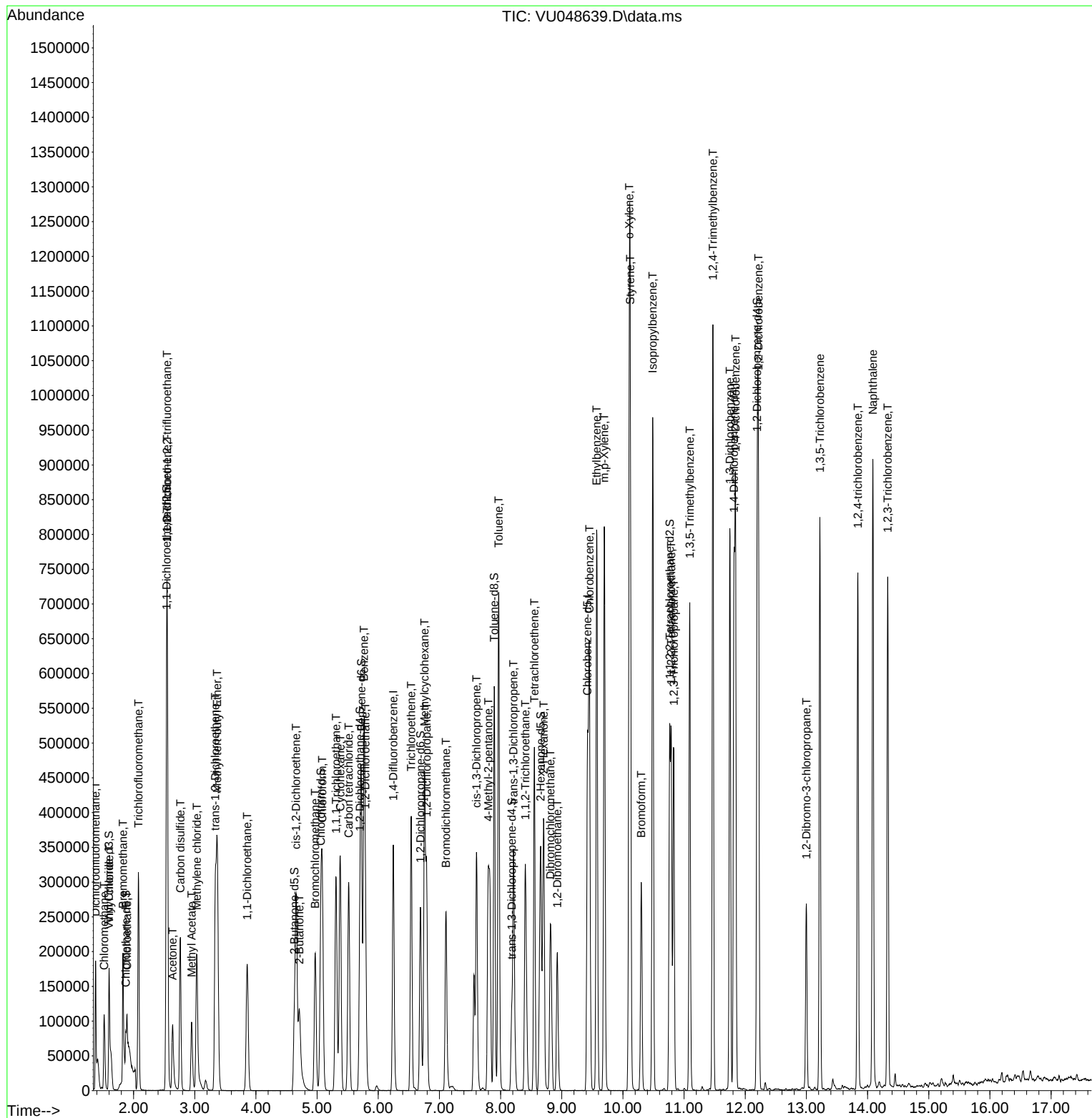
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	212992	54.721	ug/L	98
29) Cyclohexane	5.378	56	167287	52.842	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	241167	51.676	ug/L	98
31) Carbon tetrachloride	5.517	117	215959	50.776	ug/L	96
33) Benzene	5.767	78	468431	52.020	ug/L	100
34) Trichloroethene	6.539	95	133297	52.321	ug/L	97
35) Methylcyclohexane	6.758	83	190662	52.151	ug/L	100
37) 1,2-Dichloropropane	6.790	63	114969	51.061	ug/L	98
38) Bromodichloromethane	7.108	83	190849	52.388	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	212075	55.166	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	202960	59.067	ug/L	97
42) Toluene	7.970	91	537306	54.744	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	224796	55.449	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	131893	54.699	ug/L	97
46) Tetrachloroethene	8.552	164	114392	55.024	ug/L	99
48) 2-Hexanone	8.703	43	318296	108.116	ug/L	98
49) Dibromochloromethane	8.816	129	176897	57.063	ug/L	99
50) 1,2-Dibromoethane	8.928	107	150480	54.075	ug/L	98
51) Chlorobenzene	9.452	112	373677	54.588	ug/L	99
52) Ethylbenzene	9.571	91	618006	55.099	ug/L	99
53) m,p-Xylene	9.697	106	249561	55.366	ug/L	99
54) o-Xylene	10.105	106	250140	57.926	ug/L	100
55) Styrene	10.121	104	437215	58.233	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	231062	55.447	ug/L	97
59) Bromoform	10.301	173	150060	56.218	ug/L	100
60) 1,2,3-Trichloropropane	10.832	75	204483	53.096	ug/L	96
61) Isopropylbenzene	10.488	105	664766	55.587	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	395568	58.181	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	611059	57.798	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	339513	55.051	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	343953	53.745	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	333065	53.096	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	70773	47.531	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	254191	51.712	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	230660	51.882	ug/L	99
71) Naphthalene	14.085	128	731940	49.929	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	228949	51.291	ug/L	99

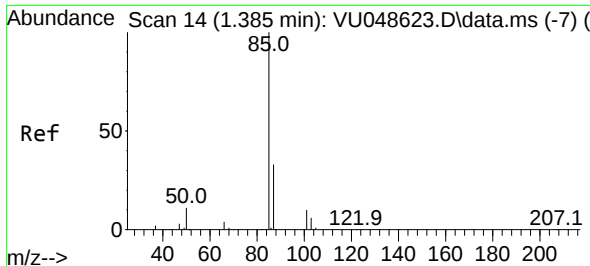
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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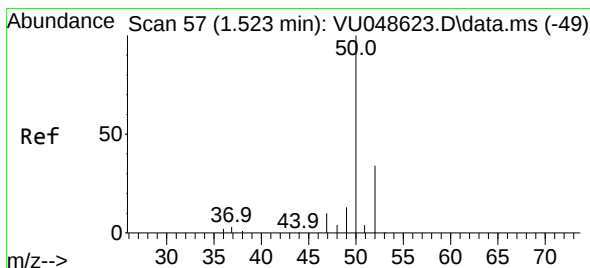
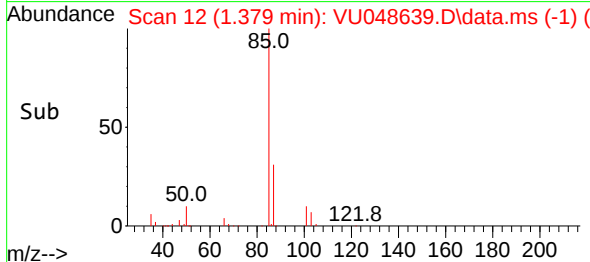
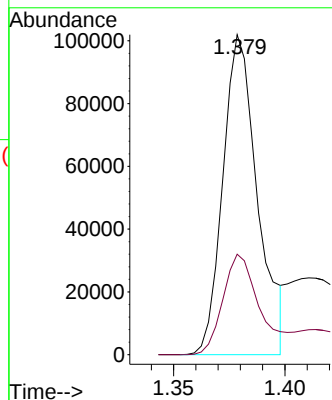
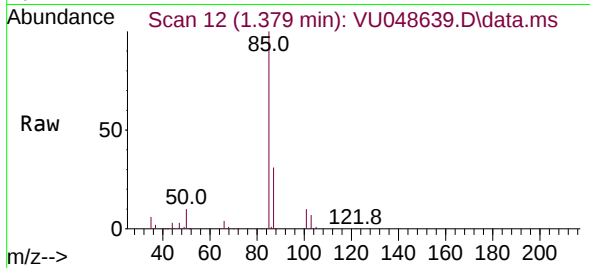




#2
 Dichlorodifluoromethane
 Concen: 33.897 ug/L
 RT: 1.379 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VU048639.D
 Acq: 19 May 2022 18:50

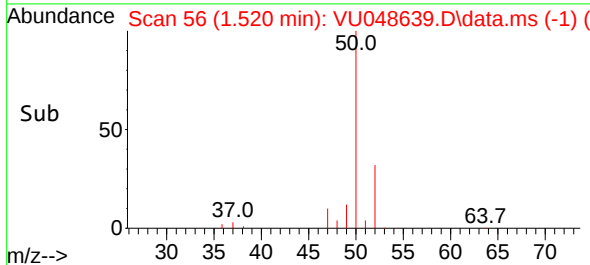
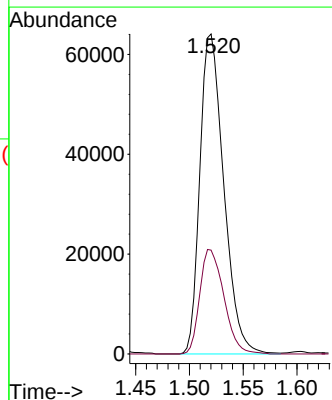
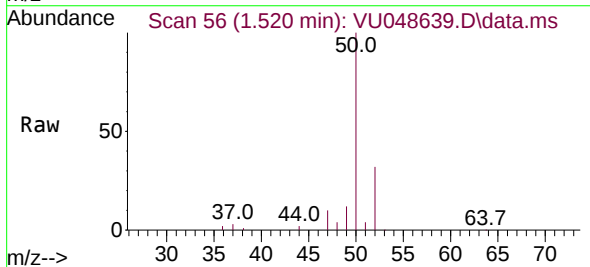
Instrument :
 MSVOA_U
 ClientSampleId :
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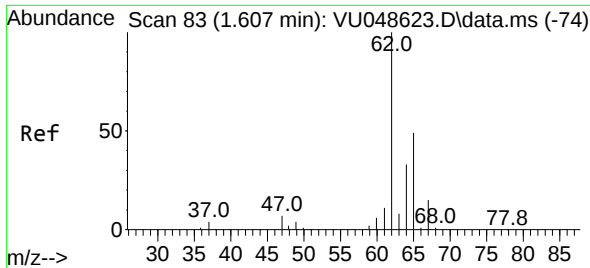
Tgt Ion: 85 Resp: 110220
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.4 38.2



#3
 Chloromethane
 Concen: 49.357 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU048639.D
 Acq: 19 May 2022 18:50

Tgt Ion: 50 Resp: 99025
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.8 44.2

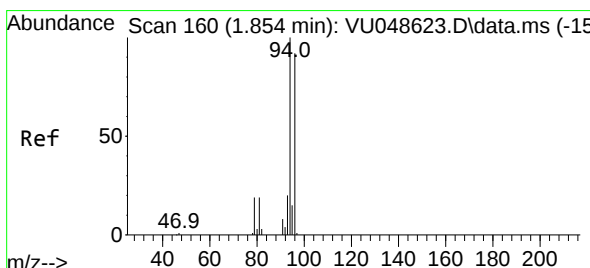
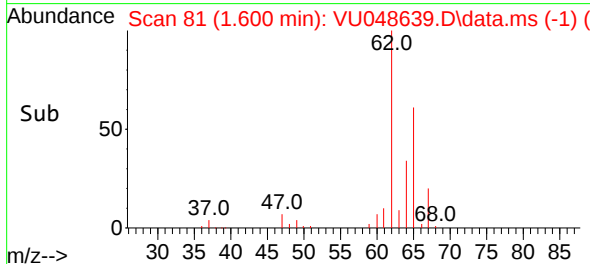
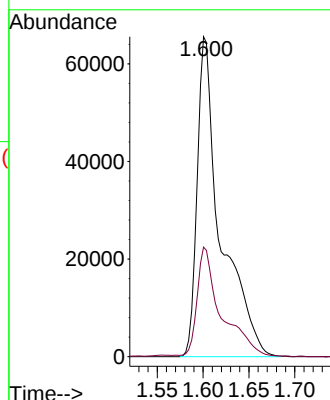
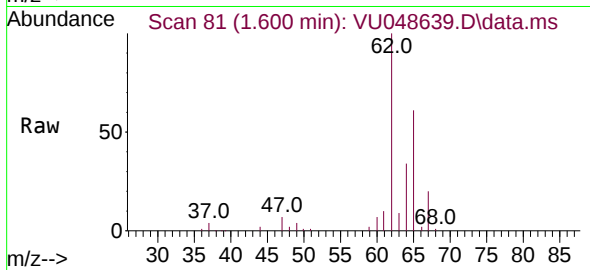




#5
 Vinyl chloride
 Concen: 54.780 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VU048639.D
 Acq: 19 May 2022 18:50

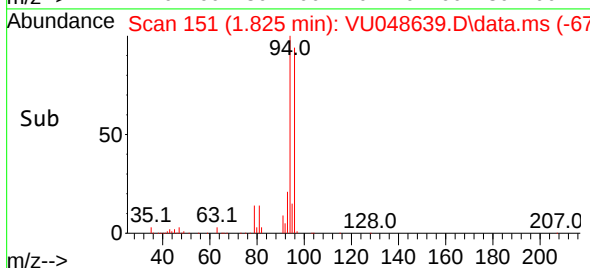
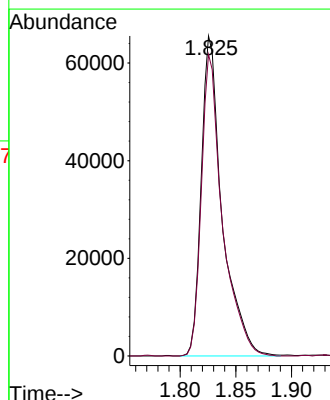
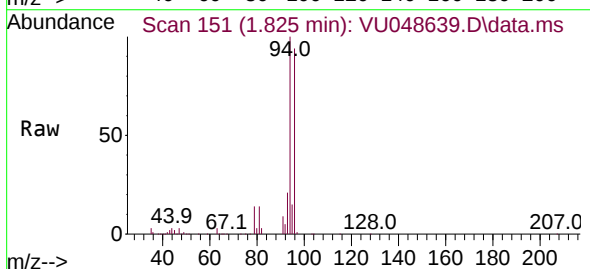
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4K6MEMSD

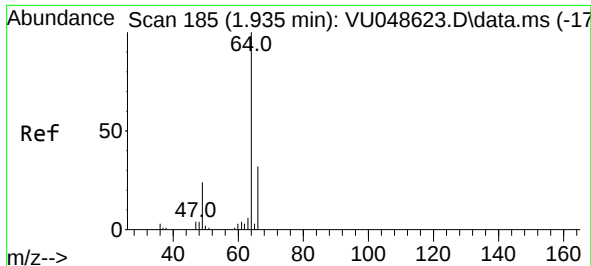
Tgt Ion: 62 Resp: 116913
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.9 42.5



#6
 Bromomethane
 Concen: 55.638 ug/L
 RT: 1.825 min Scan# 151
 Delta R.T. -0.029 min
 Lab File: VU048639.D
 Acq: 19 May 2022 18:50

Tgt Ion: 94 Resp: 85725
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.7 121.9

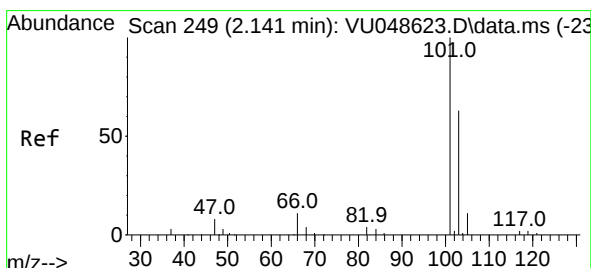
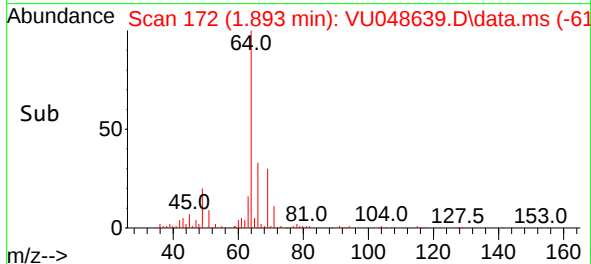
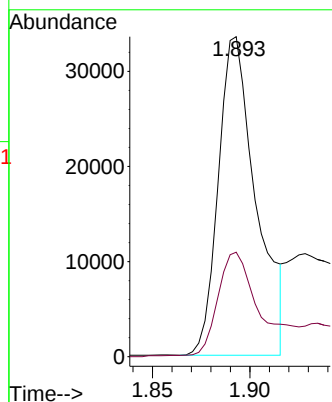
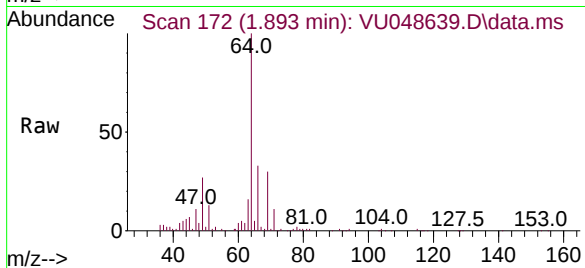




#8
Chloroethane
Concen: 36.004 ug/L
RT: 1.893 min Scan# 11
Delta R.T. -0.042 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

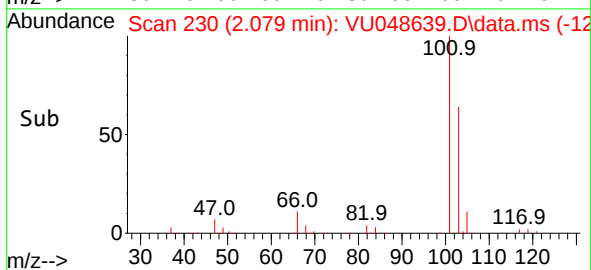
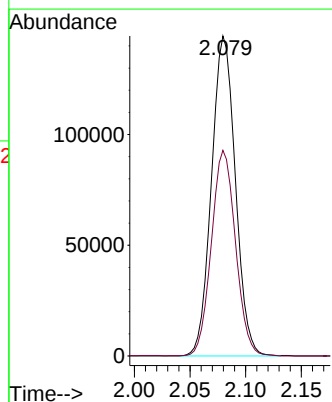
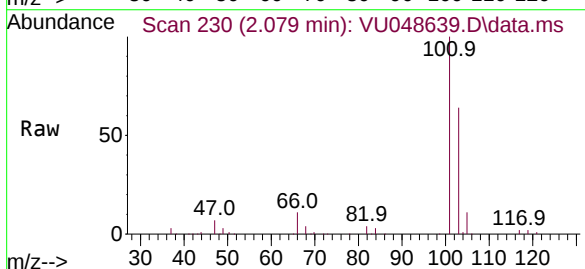
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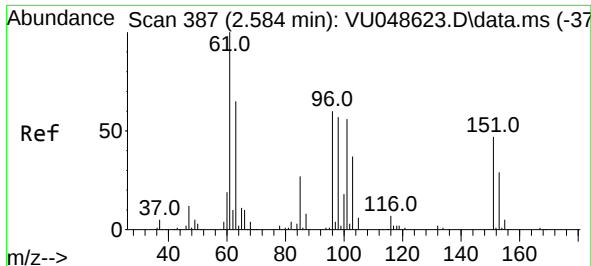
Tgt Ion: 64 Resp: 45228
Ion Ratio Lower Upper
64 100
66 32.7 23.1 42.9



#9
Trichlorofluoromethane
Concen: 51.677 ug/L
RT: 2.079 min Scan# 230
Delta R.T. -0.061 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion:101 Resp: 215311
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4





#10

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

Concen: 54.587 ug/L

RT: 2.549 min Scan# 376

Delta R.T. -0.035 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

EW4K6MEMSD

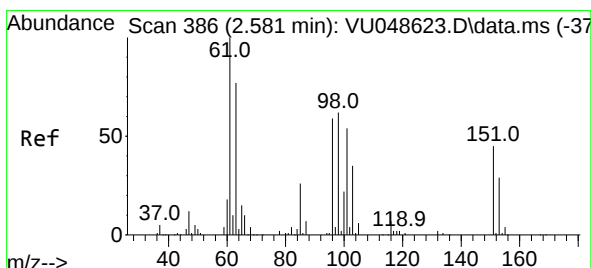
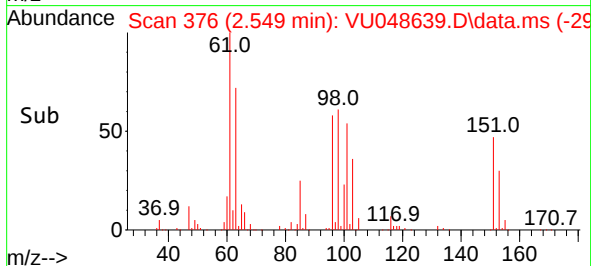
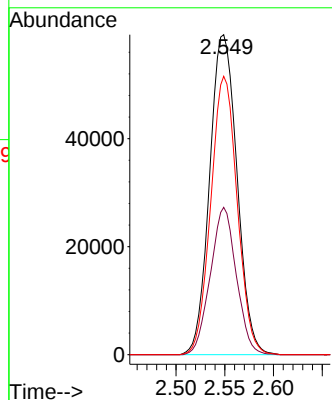
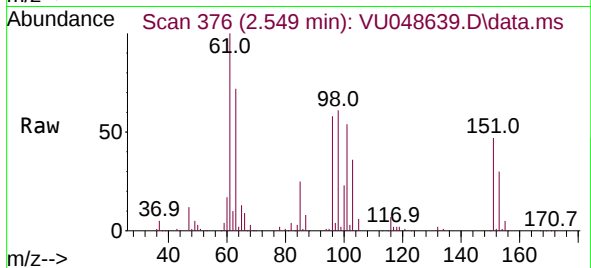
Tgt Ion:101 Resp: 115974

Ion Ratio Lower Upper

101 100

85 43.6 35.7 53.5

151 83.9 64.4 96.6



#12

1,1-Dichloroethene

Concen: 53.211 ug/L

RT: 2.549 min Scan# 376

Delta R.T. -0.032 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

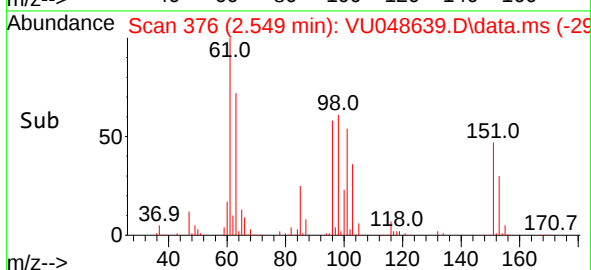
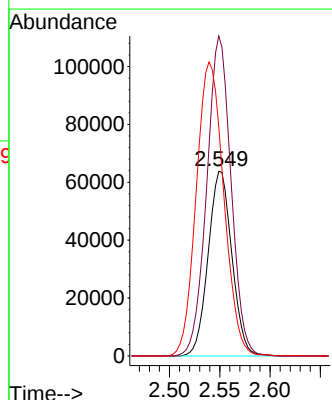
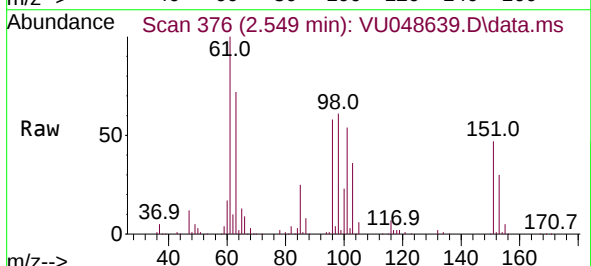
Tgt Ion: 96 Resp: 104753

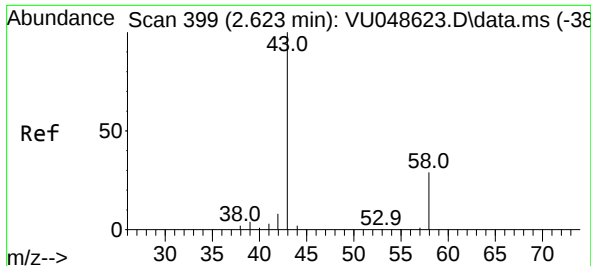
Ion Ratio Lower Upper

96 100

61 173.3 120.6 224.0

63 124.2 82.3 152.9





#13

Acetone

Concen: 87.715 ug/L

RT: 2.639 min Scan# 404

Delta R.T. 0.016 min

Lab File: VU048639.D

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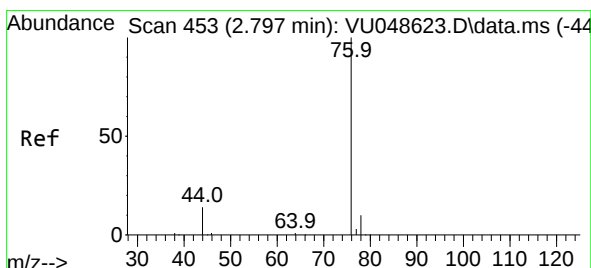
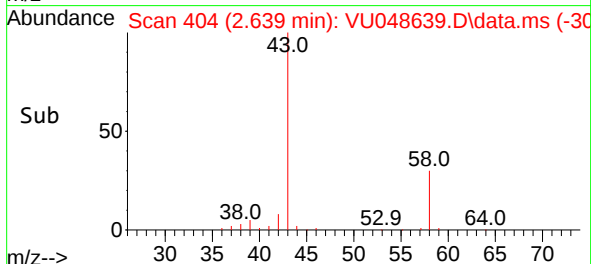
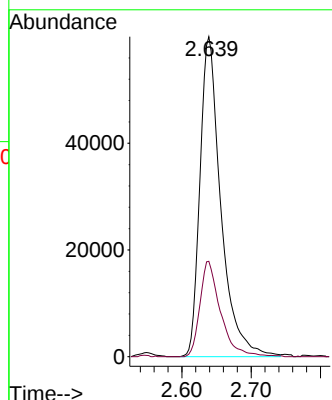
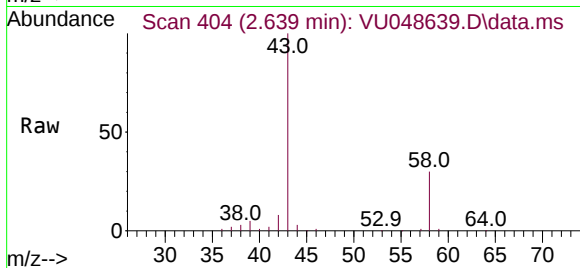
EW4K6MEMSD

Tgt Ion: 43 Resp: 125679

Ion Ratio Lower Upper

43 100

58 29.2 0.0 59.8



#14

Carbon disulfide

Concen: 49.495 ug/L

RT: 2.764 min Scan# 443

Delta R.T. -0.032 min

Lab File: VU048639.D

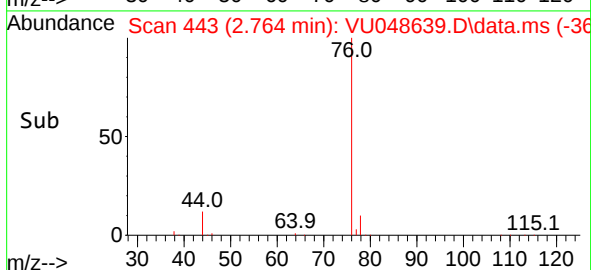
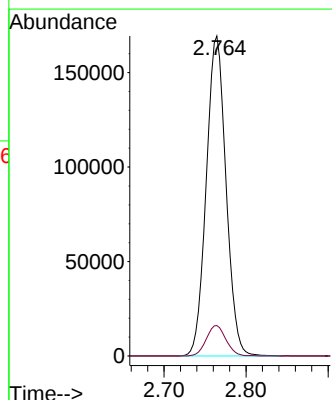
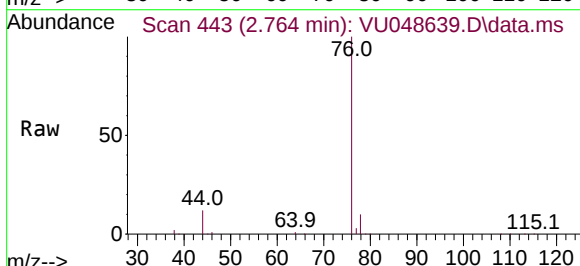
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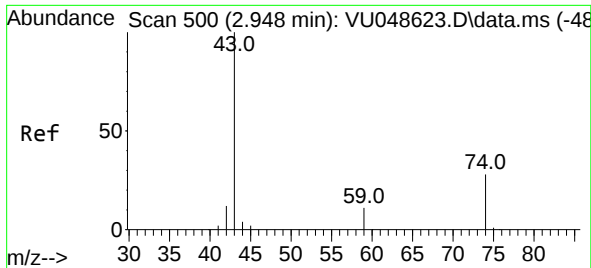
Tgt Ion: 76 Resp: 282761

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

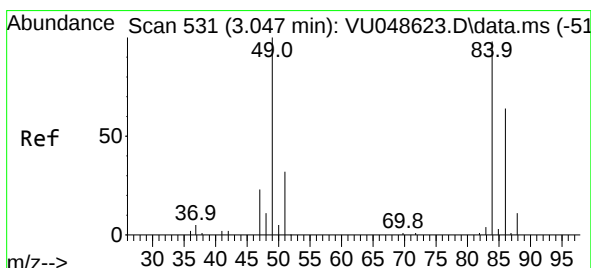
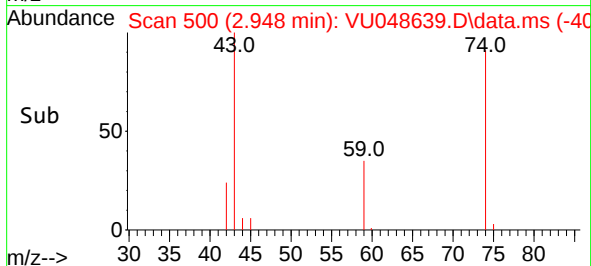
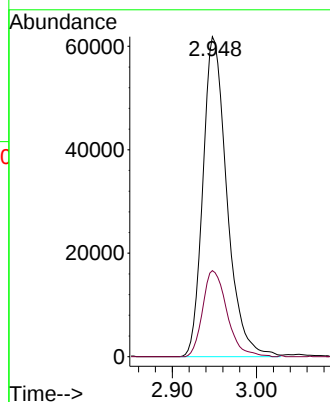
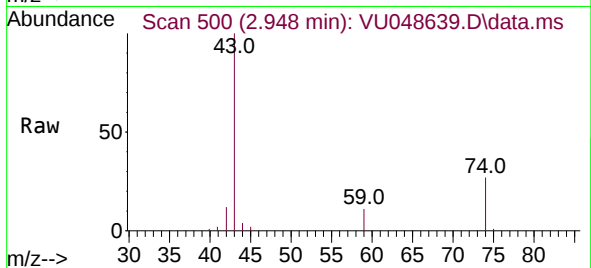




#15
Methyl Acetate
Concen: 50.128 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

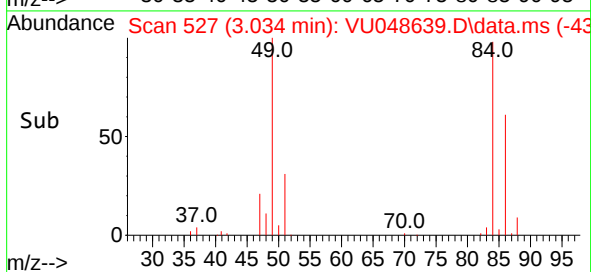
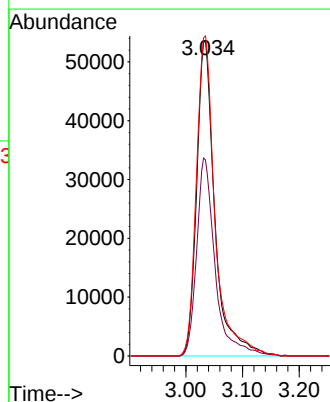
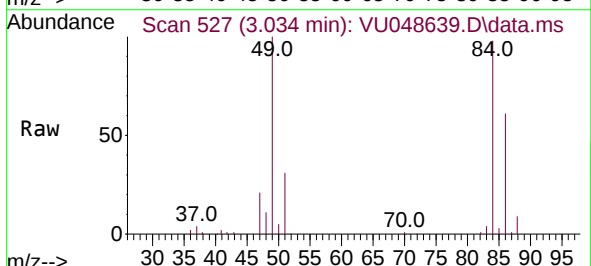
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

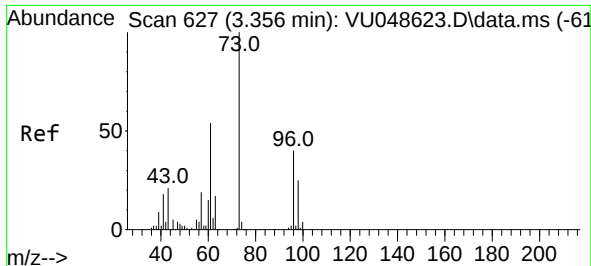
Tgt Ion: 43 Resp: 122581
Ion Ratio Lower Upper
43 100
74 27.3 21.7 32.5



#16
Methylene chloride
Concen: 52.215 ug/L
RT: 3.034 min Scan# 527
Delta R.T. -0.013 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion: 84 Resp: 119671
Ion Ratio Lower Upper
84 100
86 62.2 43.5 80.9
49 101.6 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 53.786 ug/L

RT: 3.337 min Scan# 61

Delta R.T. -0.019 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

EW4K6MEMSD

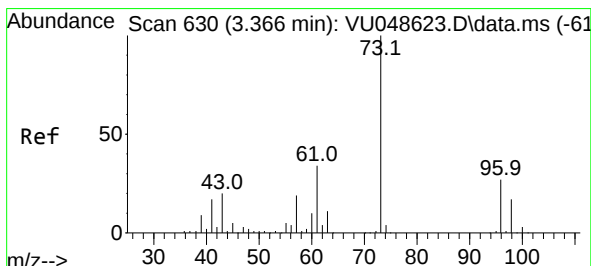
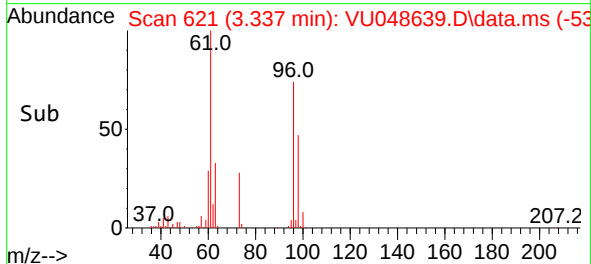
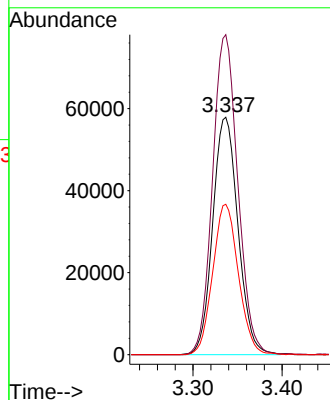
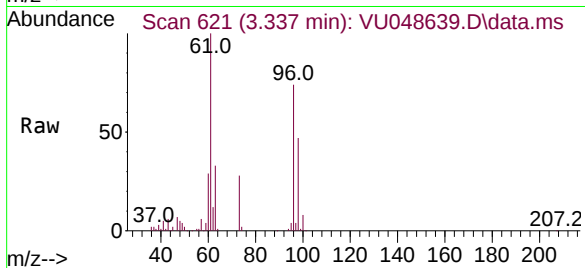
Tgt Ion: 96 Resp: 114204

Ion Ratio Lower Upper

96 100

61 134.8 94.2 175.0

98 63.4 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 56.210 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

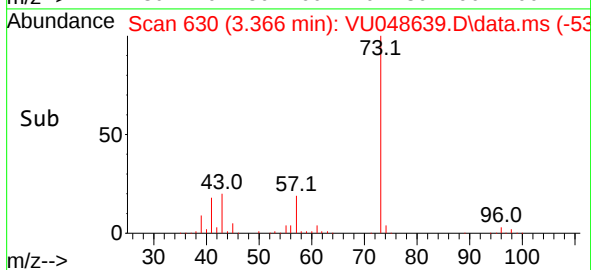
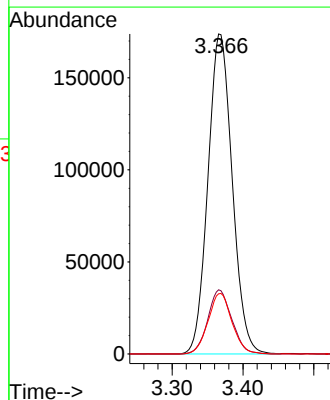
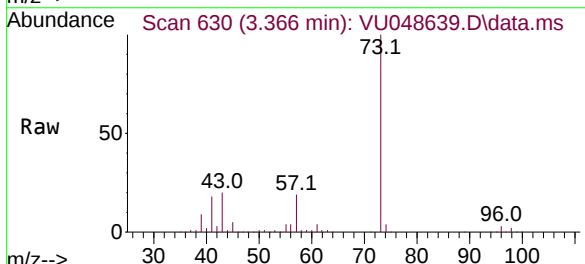
Tgt Ion: 73 Resp: 414086

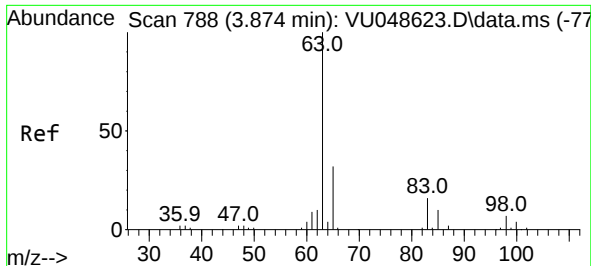
Ion Ratio Lower Upper

73 100

43 19.8 16.2 24.4

57 18.7 15.7 23.5





#19

1,1-Dichloroethane

Concen: 53.866 ug/L

RT: 3.858 min Scan# 71

Delta R.T. -0.016 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

EW4K6MEMSD

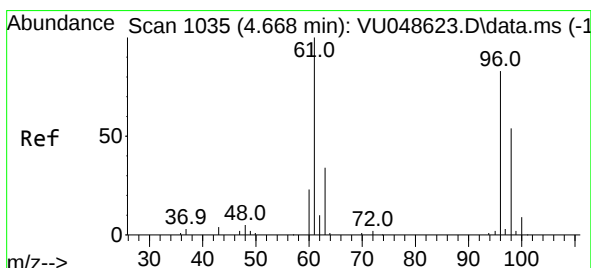
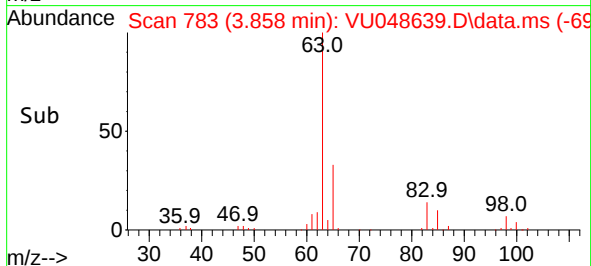
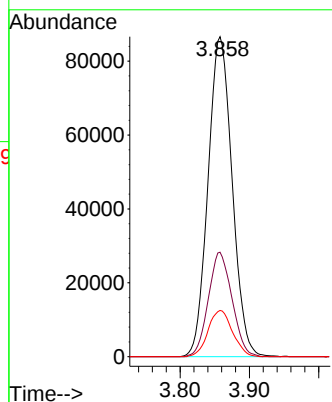
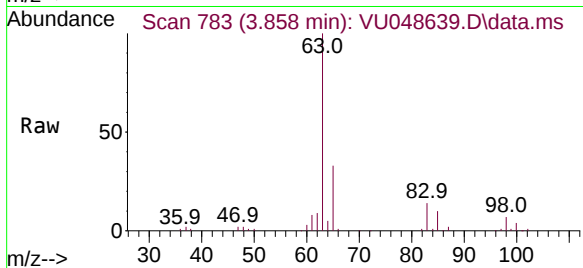
Tgt Ion: 63 Resp: 209393

Ion Ratio Lower Upper

63 100

65 32.7 21.8 40.6

83 14.4 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 55.772 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.010 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

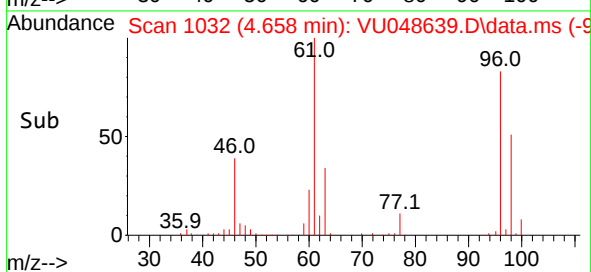
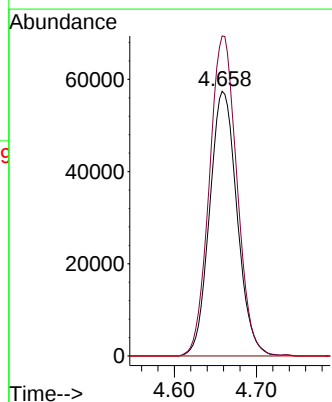
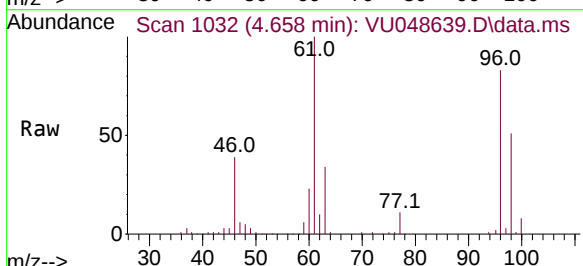
Tgt Ion: 96 Resp: 133548

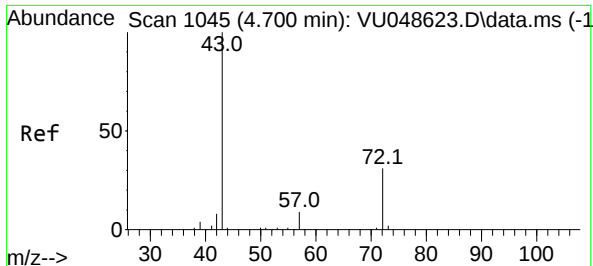
Ion Ratio Lower Upper

96 100

61 120.9 88.3 164.1

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 107.911 ug/L

RT: 4.710 min Scan# 1109

Delta R.T. 0.010 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

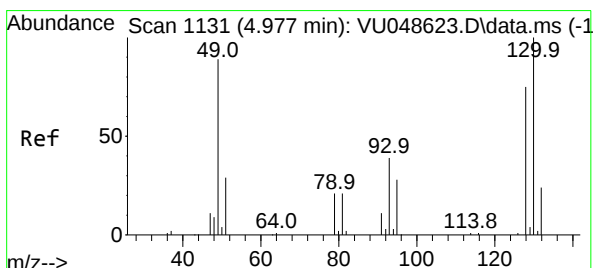
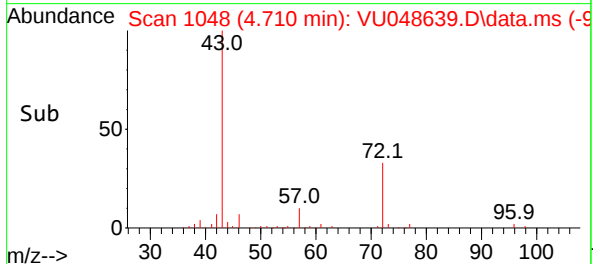
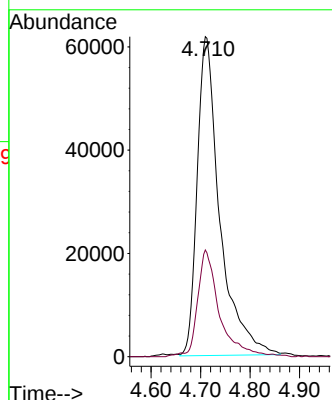
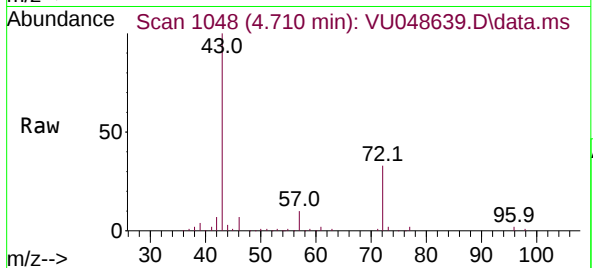
EW4K6MEMSD

Tgt Ion: 43 Resp: 196318

Ion Ratio Lower Upper

43 100

72 30.1 15.4 46.2



#23

Bromochloromethane

Concen: 54.250 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

Tgt Ion:128 Resp: 72083

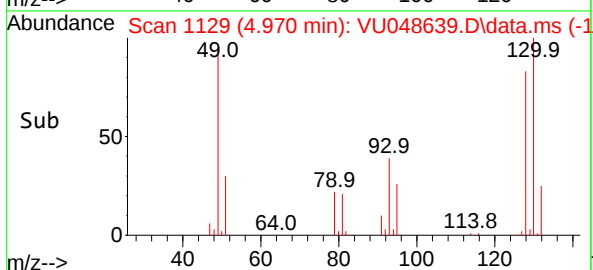
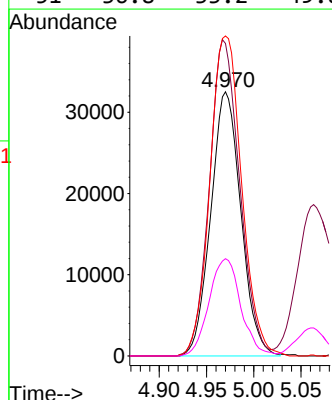
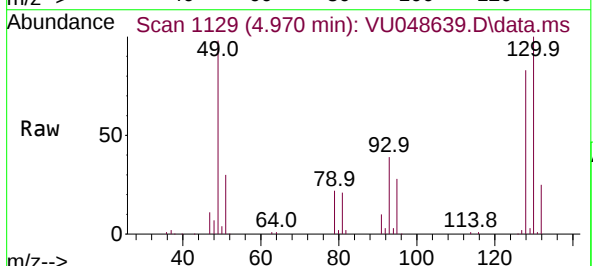
Ion Ratio Lower Upper

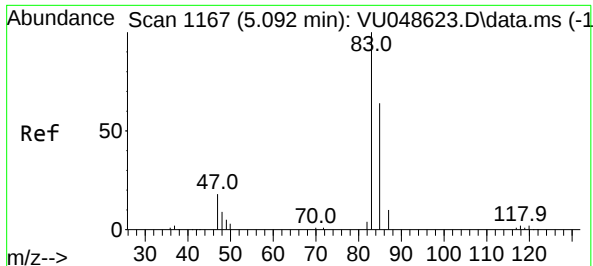
128 100

49 118.3 91.9 170.7

130 121.1 88.4 164.2

51 36.8 33.2 49.8

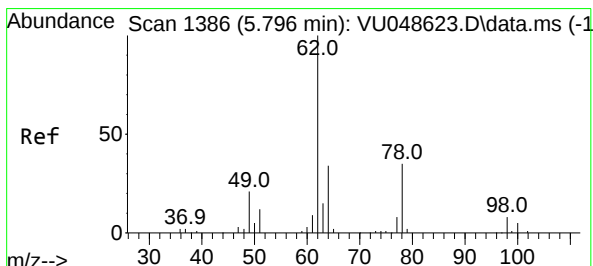
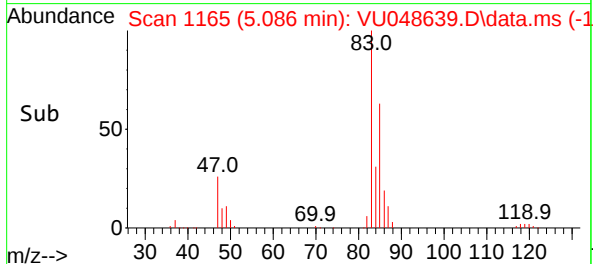
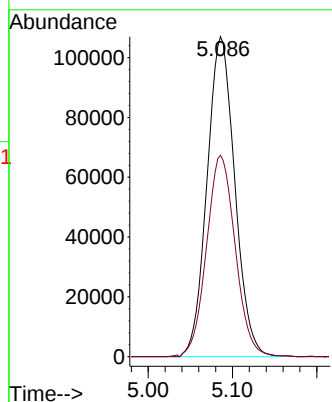
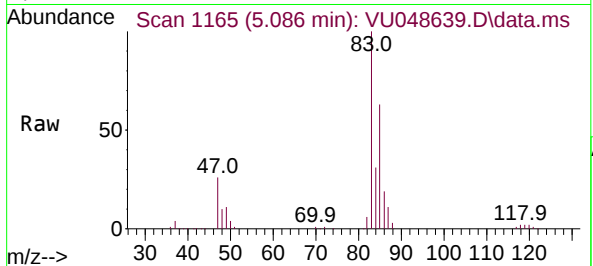




#25
Chloroform
Concen: 54.054 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.006 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

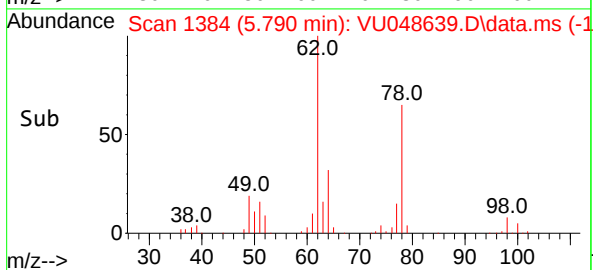
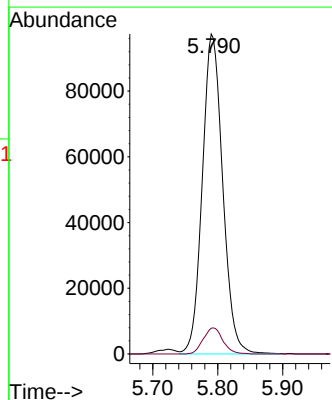
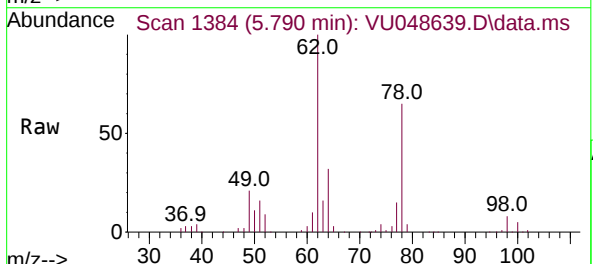
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

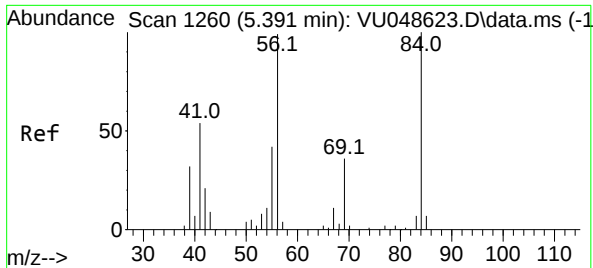
Tgt Ion: 83 Resp: 245261
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 54.721 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.006 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion: 62 Resp: 212992
Ion Ratio Lower Upper
62 100
98 8.1 6.0 9.0

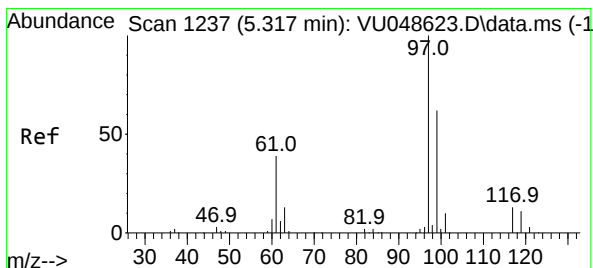
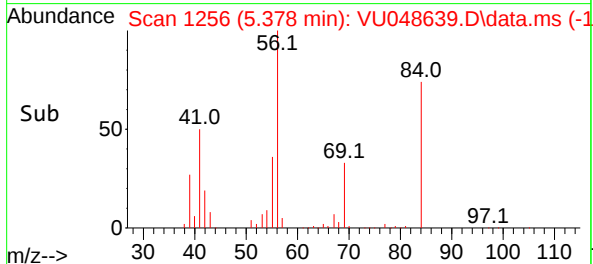
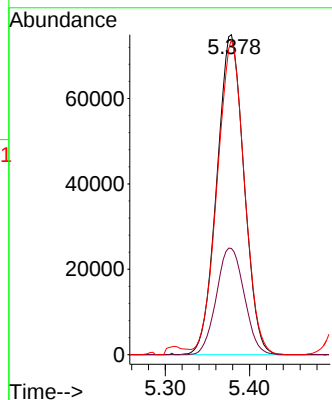
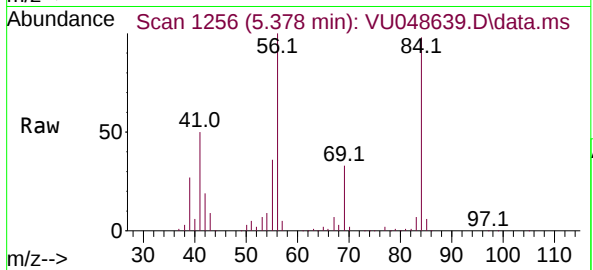




#29
Cyclohexane
Concen: 52.842 ug/L
RT: 5.378 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

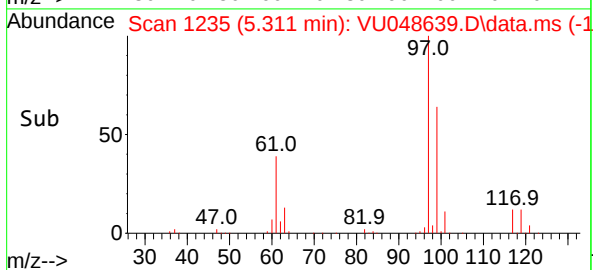
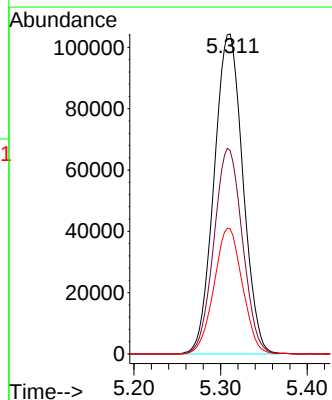
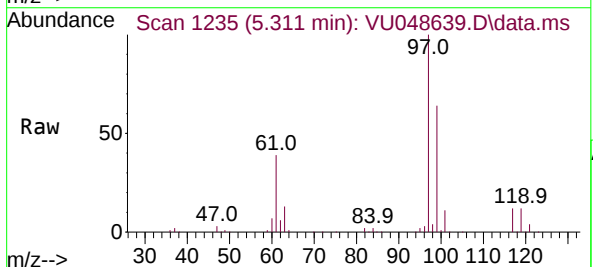
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

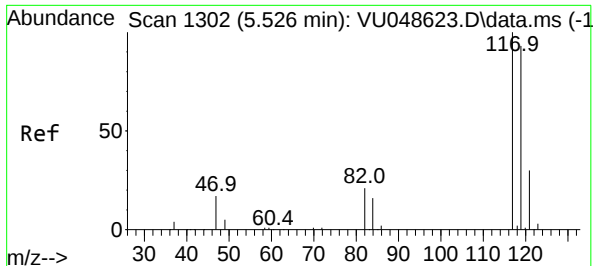
Tgt Ion: 56 Resp: 167287
Ion Ratio Lower Upper
56 100
69 34.1 26.5 39.7
84 98.5 78.0 117.0



#30
1,1,1-Trichloroethane
Concen: 51.676 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.006 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion: 97 Resp: 241167
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 38.7 32.6 48.8

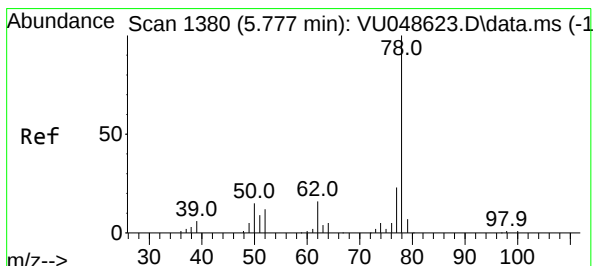
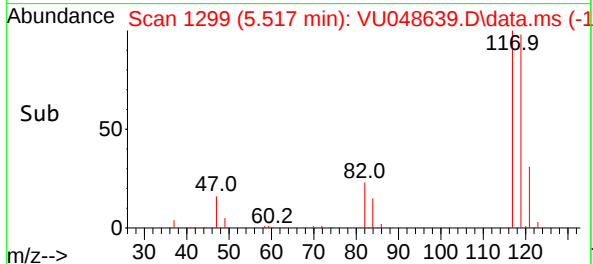
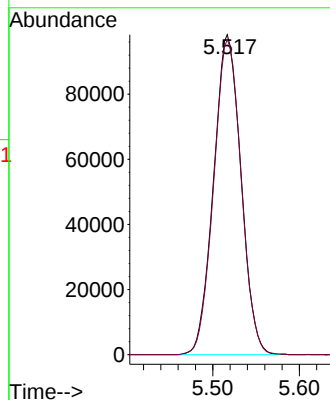
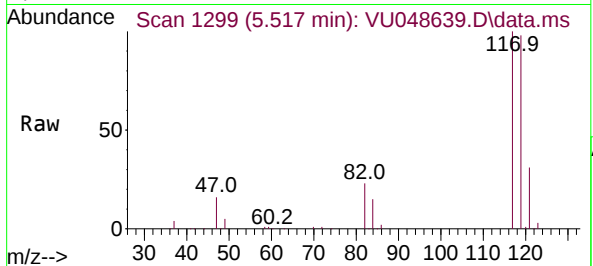




#31
Carbon tetrachloride
Concen: 50.776 ug/L
RT: 5.517 min Scan# 1302
Delta R.T. -0.010 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

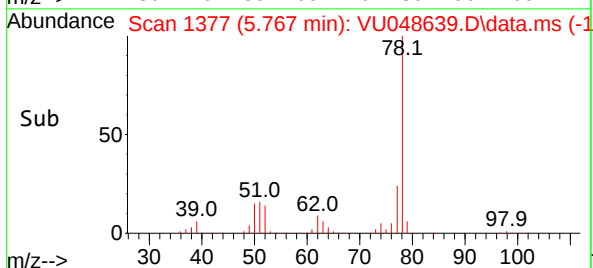
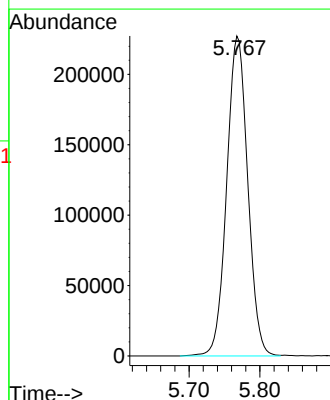
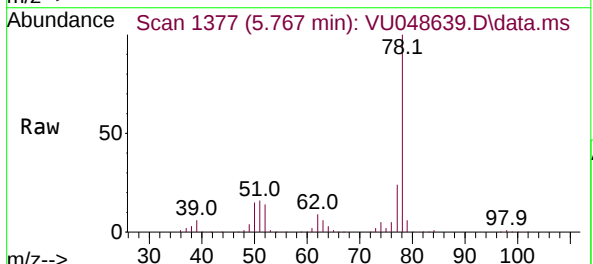
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

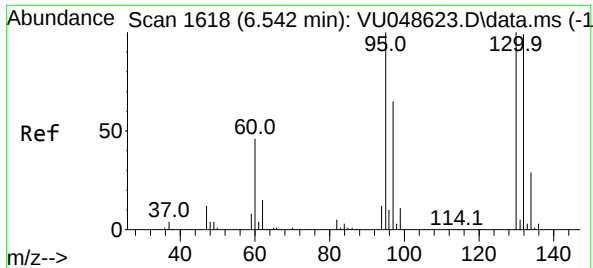
Tgt Ion:117 Resp: 215959
Ion Ratio Lower Upper
117 100
119 98.6 76.0 114.0



#33
Benzene
Concen: 52.020 ug/L
RT: 5.767 min Scan# 1377
Delta R.T. -0.010 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion: 78 Resp: 468431

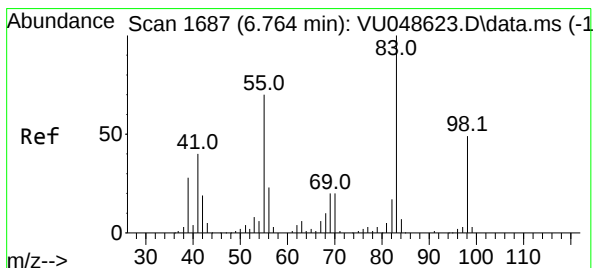
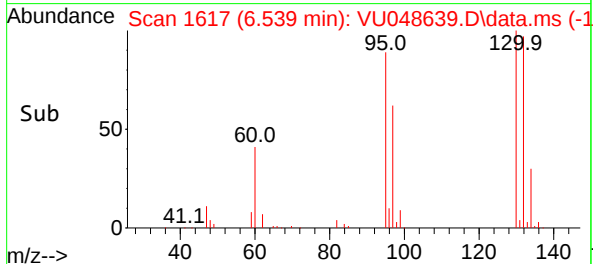
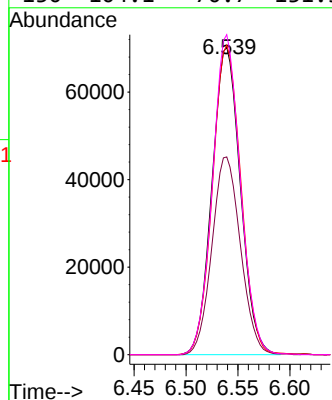
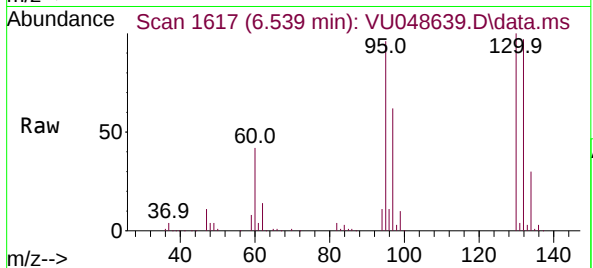




#34
Trichloroethene
Concen: 52.321 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

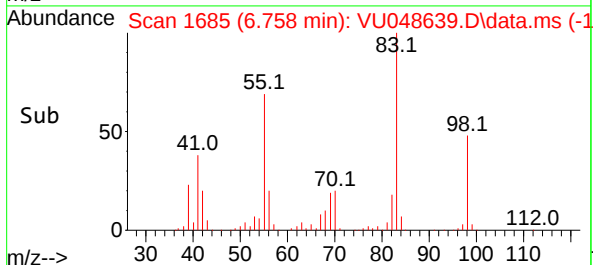
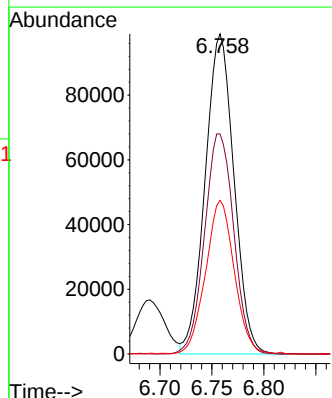
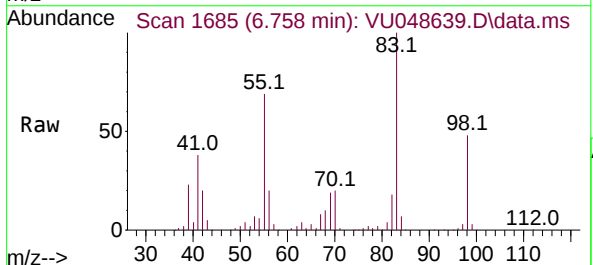
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

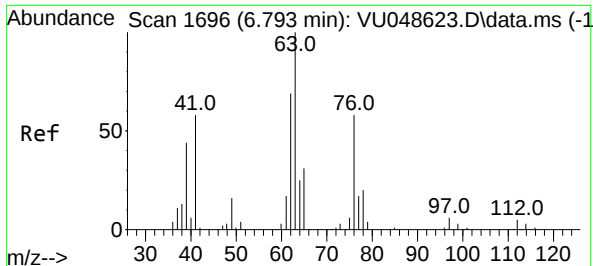
Tgt Ion: 95 Resp: 133297
Ion Ratio Lower Upper
95 100
97 64.3 45.2 84.0
132 100.7 67.3 124.9
130 104.1 70.7 131.3



#35
Methylcyclohexane
Concen: 52.151 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion: 83 Resp: 190662
Ion Ratio Lower Upper
83 100
55 69.7 56.2 84.4
98 47.8 38.2 57.2





#37

1,2-Dichloropropane

Concen: 51.061 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

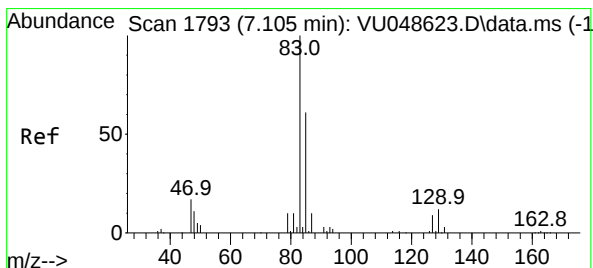
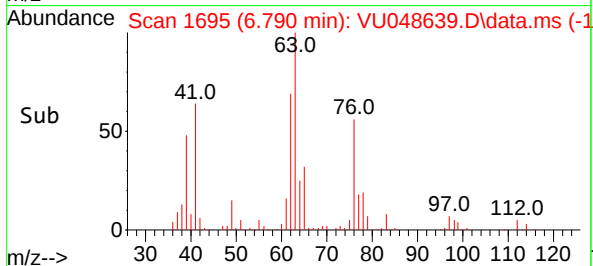
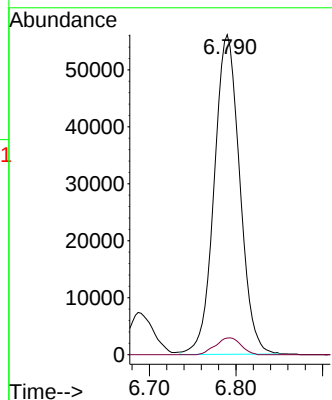
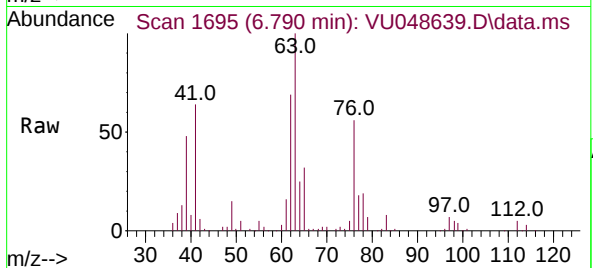
EW4K6MEMSD

Tgt Ion: 63 Resp: 114969

Ion Ratio Lower Upper

63 100

112 5.2 3.7 5.5



#38

Bromodichloromethane

Concen: 52.388 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

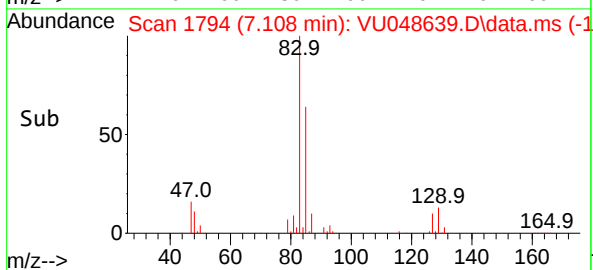
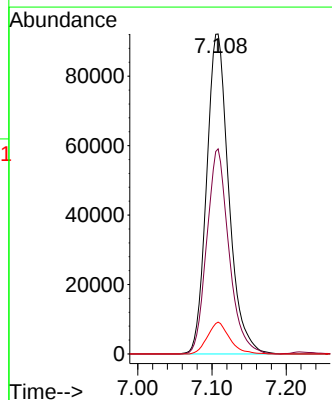
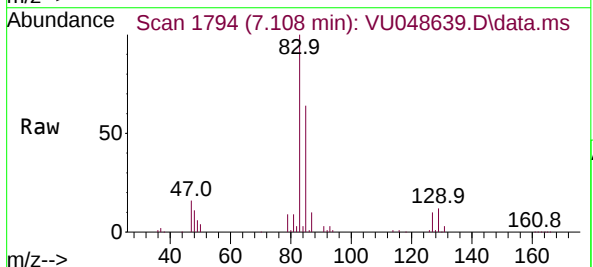
Tgt Ion: 83 Resp: 190849

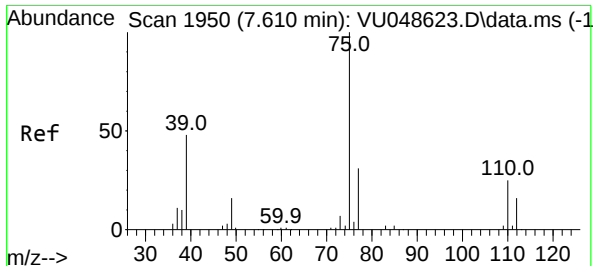
Ion Ratio Lower Upper

83 100

85 64.1 46.1 85.5

127 9.9 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 55.166 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

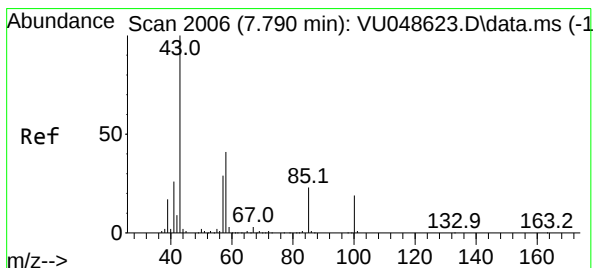
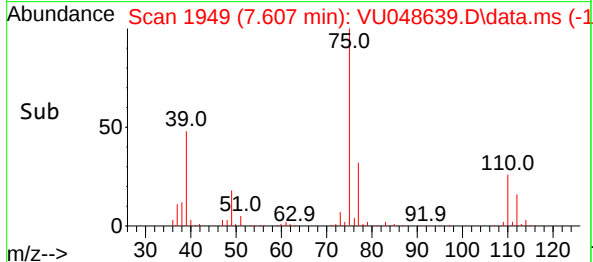
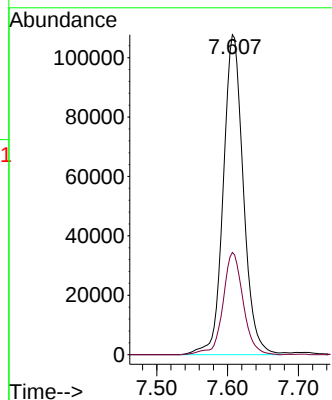
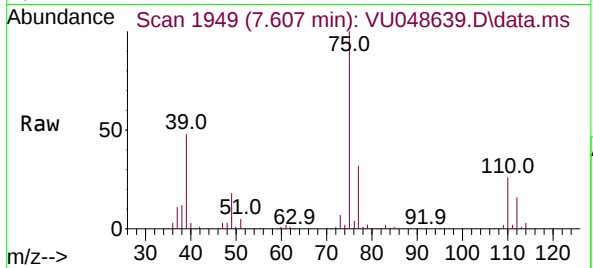
EW4K6MEMSD

Tgt Ion: 75 Resp: 212075

Ion Ratio Lower Upper

75 100

77 32.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 59.067 ug/L

RT: 7.803 min Scan# 2010

Delta R.T. 0.013 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

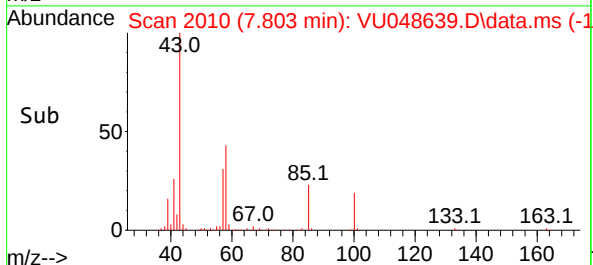
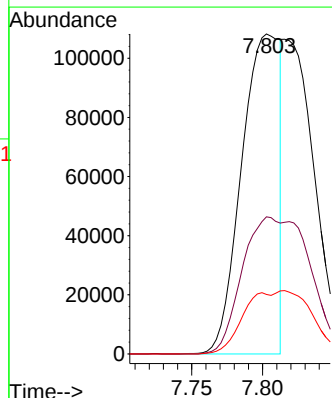
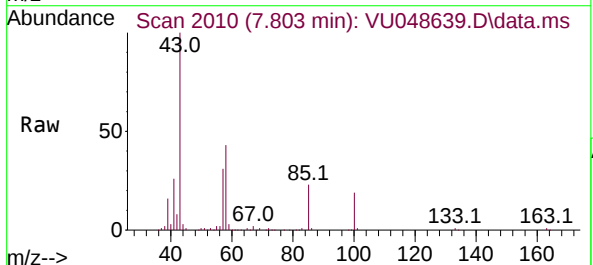
Tgt Ion: 43 Resp: 202960

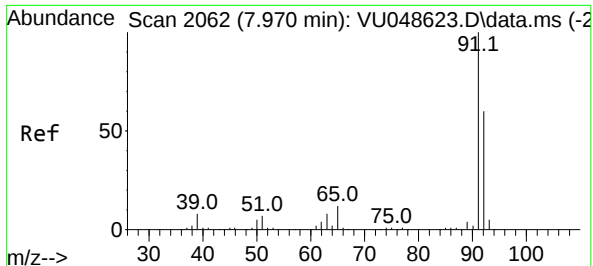
Ion Ratio Lower Upper

43 100

58 42.3 34.3 51.5

100 15.1 14.7 22.1





#42

Toluene

Concen: 54.744 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

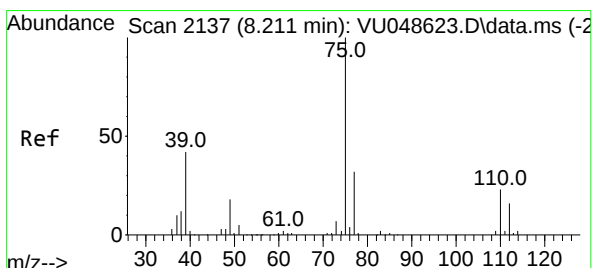
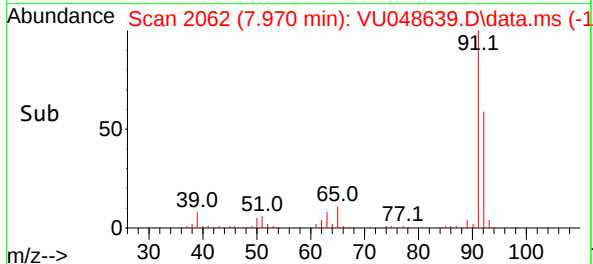
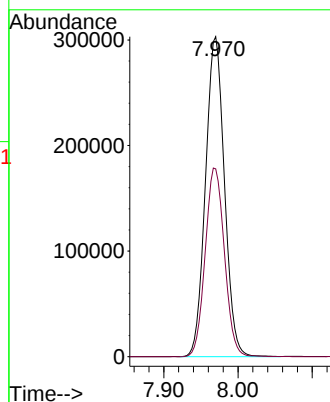
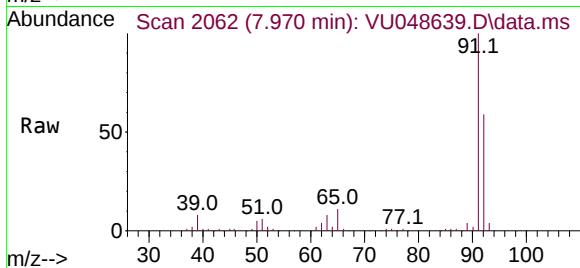
EW4K6MEMSD

Tgt Ion: 91 Resp: 537306

Ion Ratio Lower Upper

91 100

92 58.7 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 55.449 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048639.D

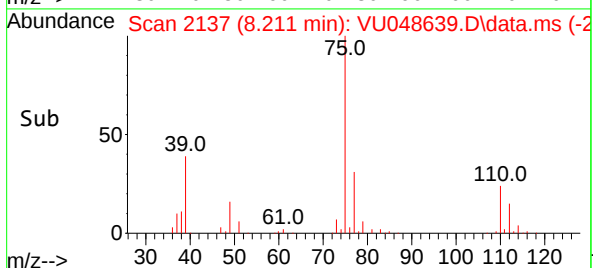
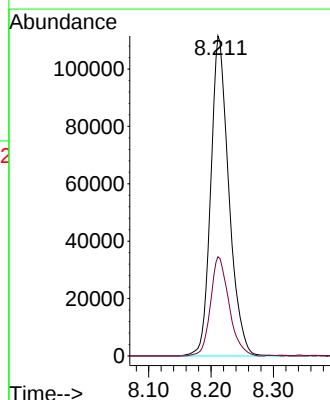
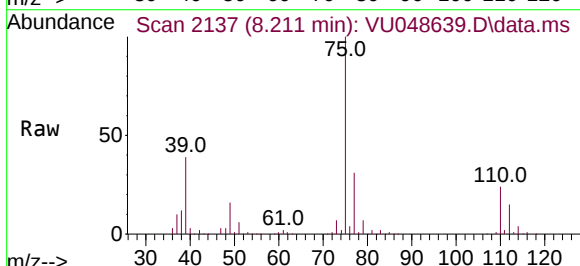
Acq: 19 May 2022 18:50

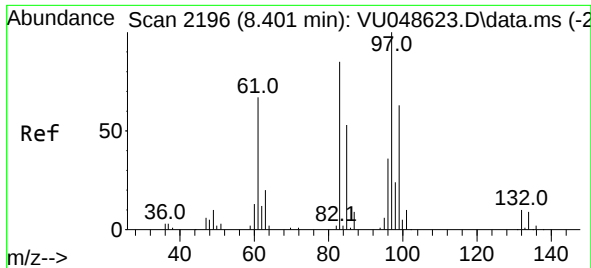
Tgt Ion: 75 Resp: 224796

Ion Ratio Lower Upper

75 100

77 31.0 22.7 42.1



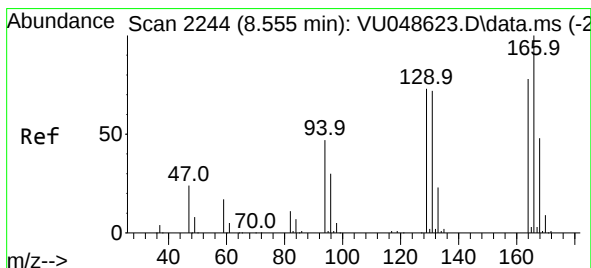
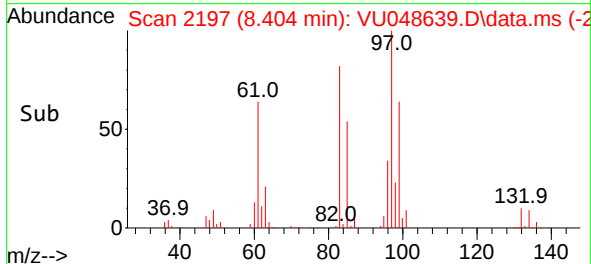
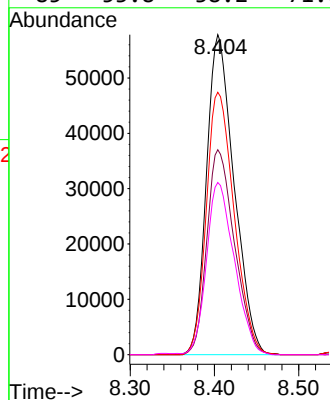
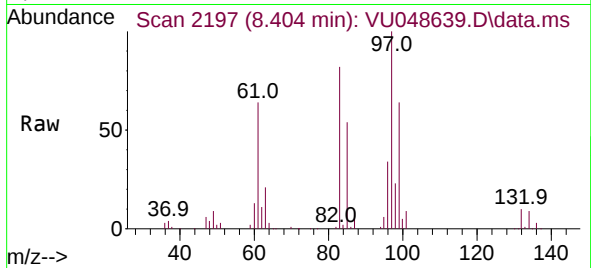


#45
1,1,2-Trichloroethane
Concen: 54.699 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

Tgt Ion: 97 Resp: 131893

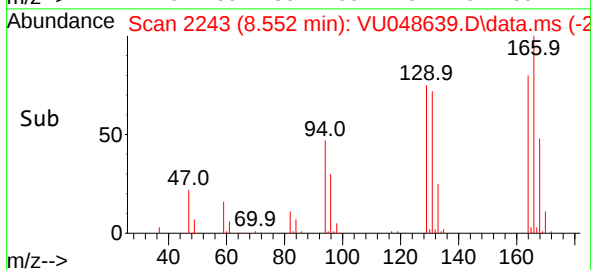
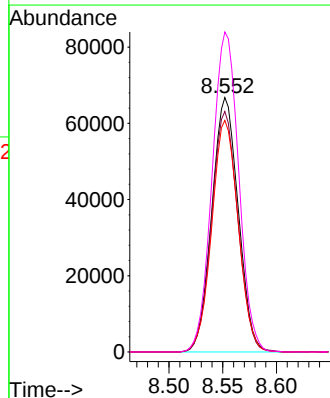
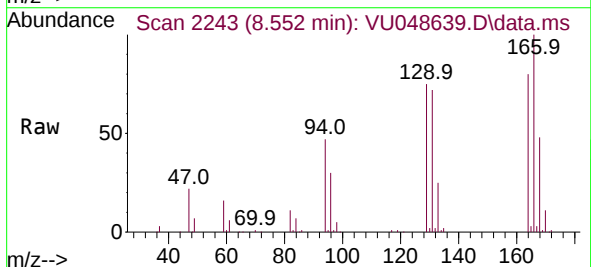
Ion	Ratio	Lower	Upper
97	100		
99	64.0	42.2	78.4
83	82.0	58.4	108.6
85	53.8	38.2	71.0

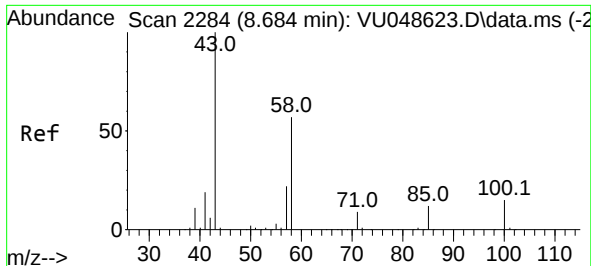


#46
Tetrachloroethene
Concen: 55.024 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion: 164 Resp: 114392

Ion	Ratio	Lower	Upper
164	100		
129	94.5	64.3	119.3
131	91.0	64.5	119.7
166	125.8	87.5	162.5

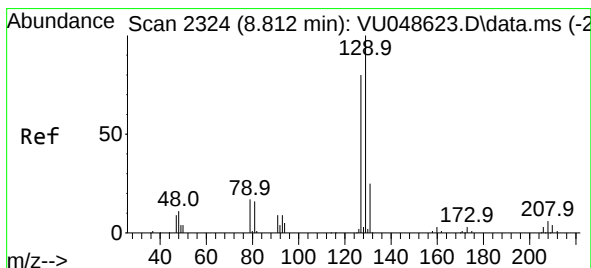
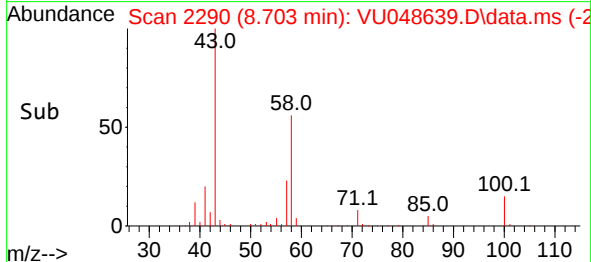
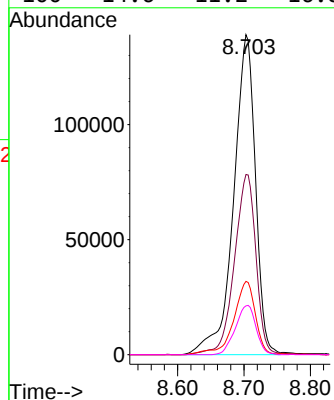
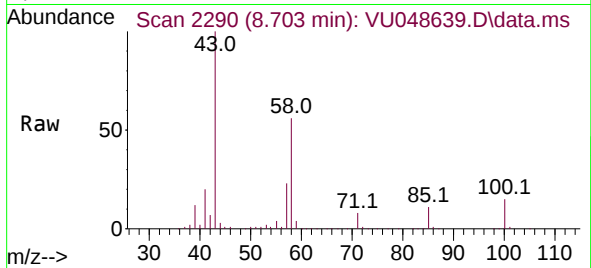




#48
2-Hexanone
Concen: 108.116 ug/L
RT: 8.703 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

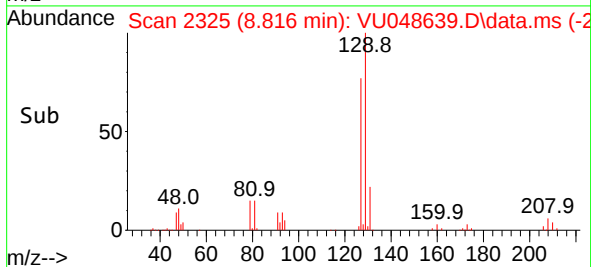
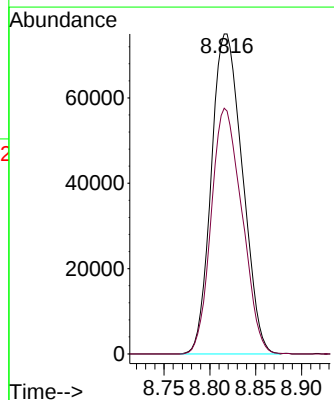
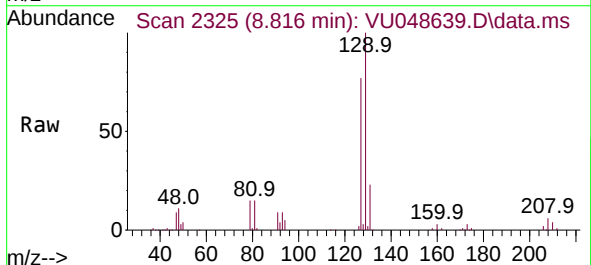
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

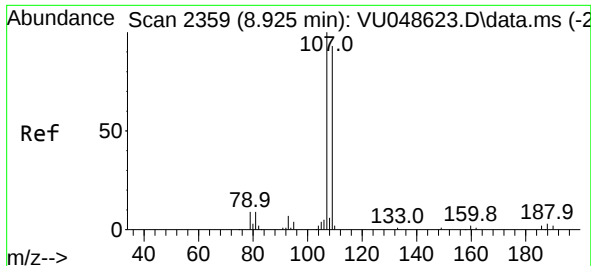
Tgt Ion: 43	Resp: 318296
Ion Ratio	Lower Upper
43 100	
58 55.7	45.8 68.6
57 21.9	16.8 25.2
100 14.6	11.2 16.8



#49
Dibromochloromethane
Concen: 57.063 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion:129	Resp: 176897		
Ion Ratio	Lower	Upper	
129 100			
127 76.8	53.1	98.5	





#50

1,2-Dibromoethane

Concen: 54.075 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

EW4K6MEMSD

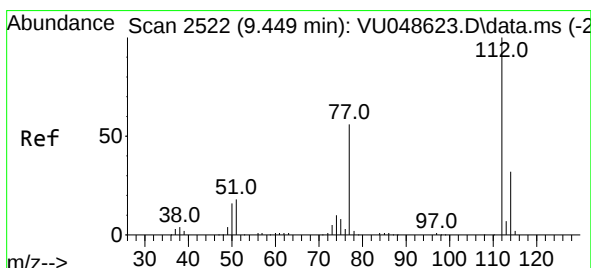
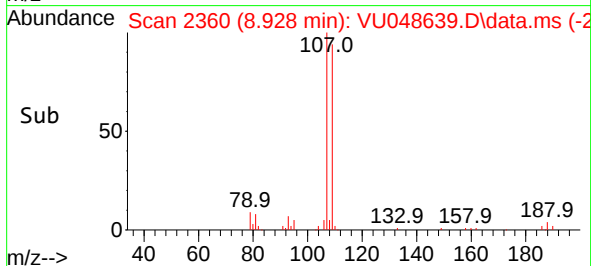
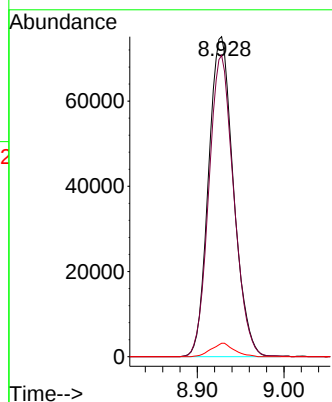
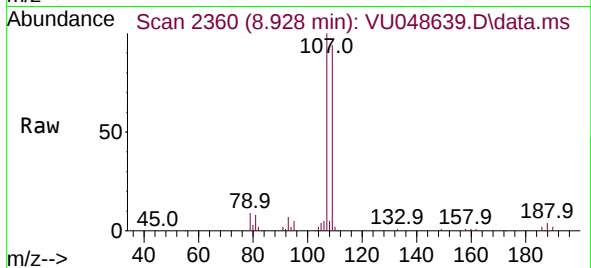
Tgt Ion:107 Resp: 150480

Ion Ratio Lower Upper

107 100

109 94.2 67.5 125.3

188 4.2 3.4 5.2



#51

Chlorobenzene

Concen: 54.588 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.003 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

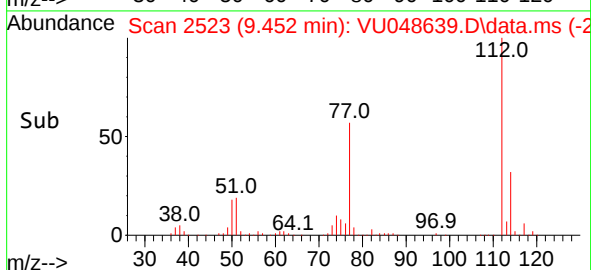
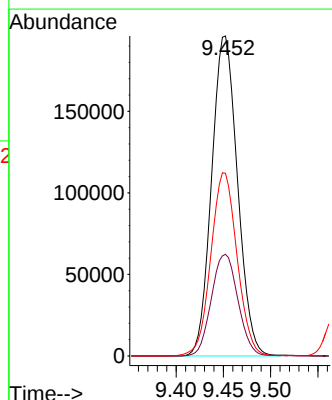
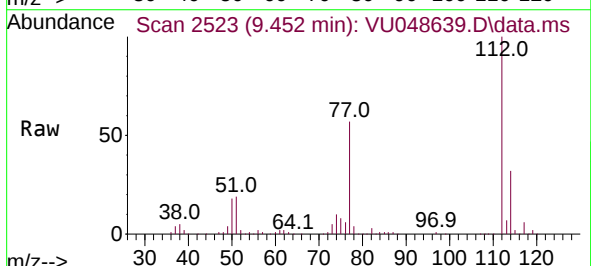
Tgt Ion:112 Resp: 373677

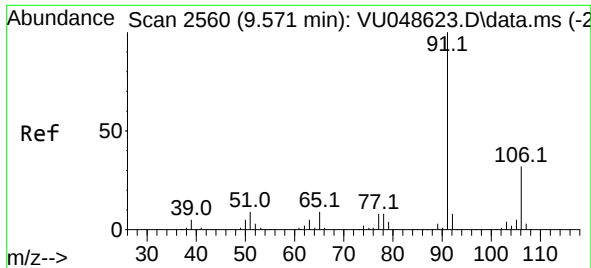
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.5

77 57.1 46.5 69.7

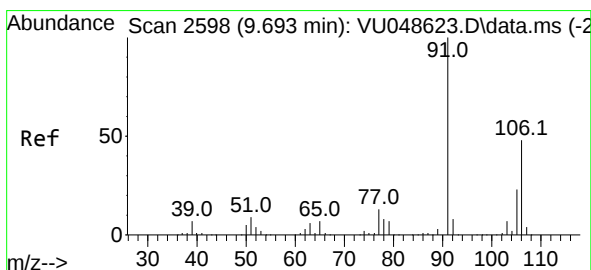
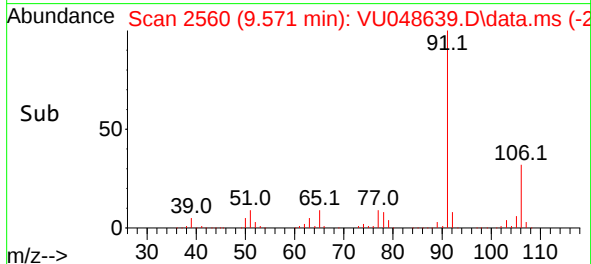
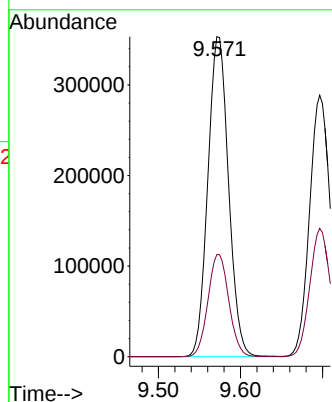
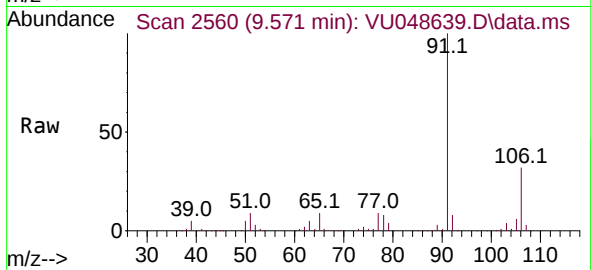




#52
Ethylbenzene
Concen: 55.099 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

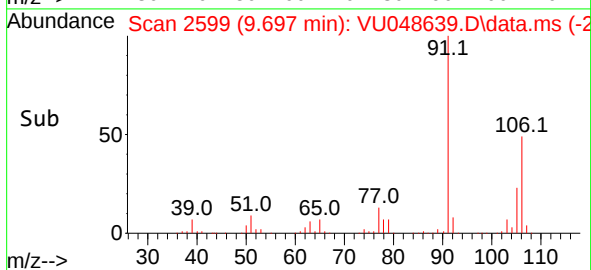
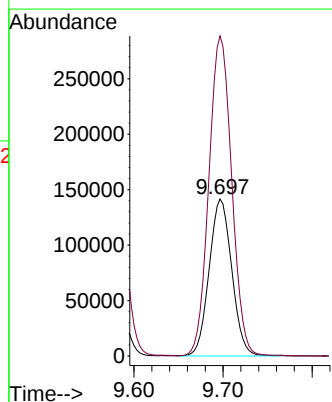
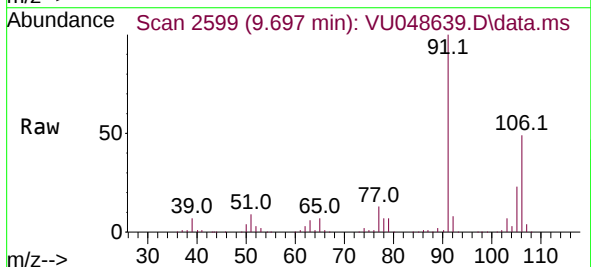
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

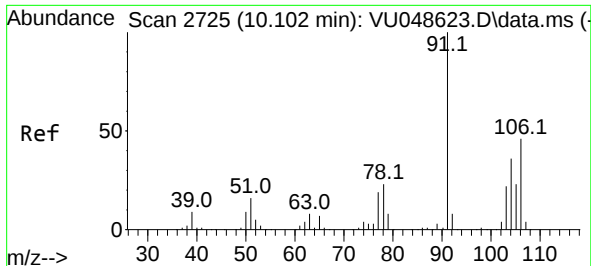
Tgt Ion: 91 Resp: 618006
Ion Ratio Lower Upper
91 100
106 31.9 21.8 40.6



#53
m,p-Xylene
Concen: 55.366 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion: 106 Resp: 249561
Ion Ratio Lower Upper
106 100
91 203.8 141.8 263.4

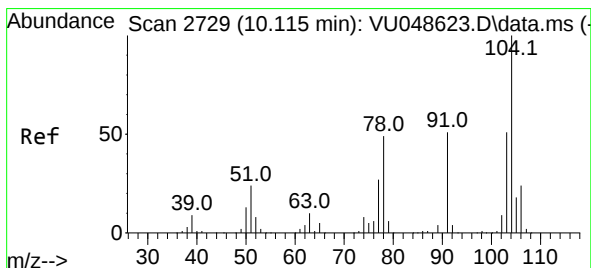
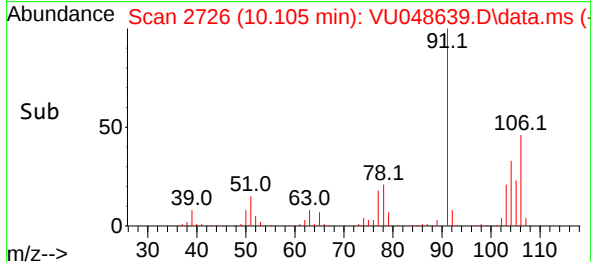
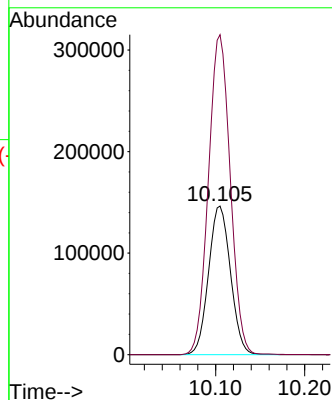
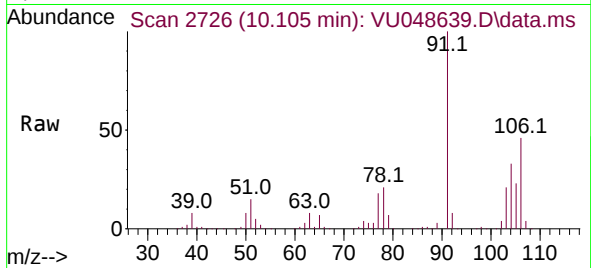




#54
o-Xylene
Concen: 57.926 ug/L
RT: 10.105 min Scan# 2710
Delta R.T. 0.003 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

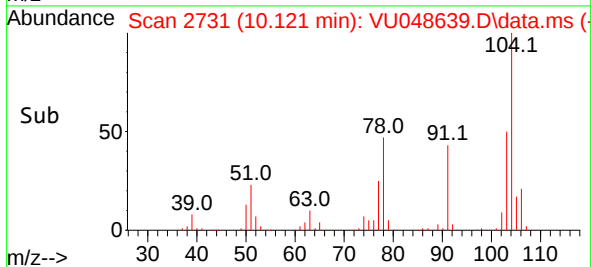
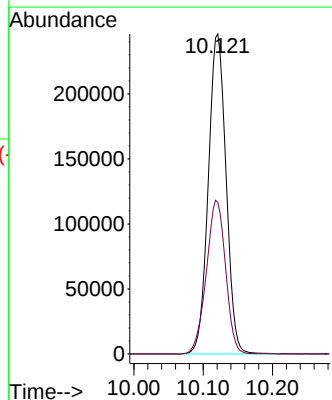
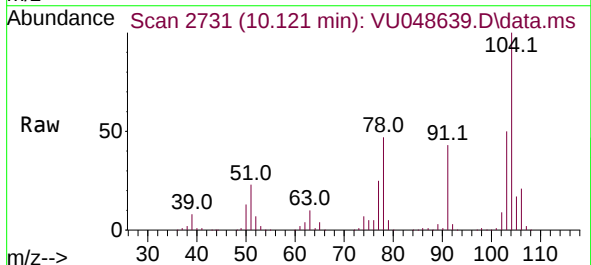
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

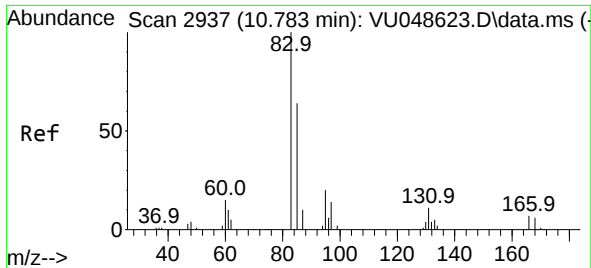
Tgt Ion:106 Resp: 250140
Ion Ratio Lower Upper
106 100
91 215.2 150.1 278.9



#55
Styrene
Concen: 58.233 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.006 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion:104 Resp: 437215
Ion Ratio Lower Upper
104 100
78 47.4 32.7 60.7

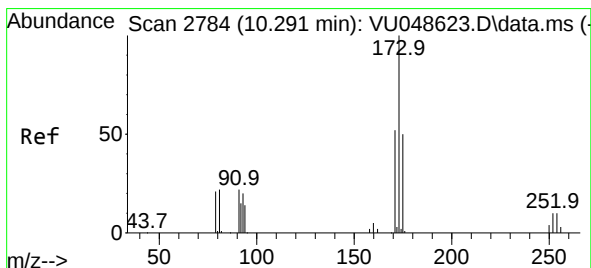
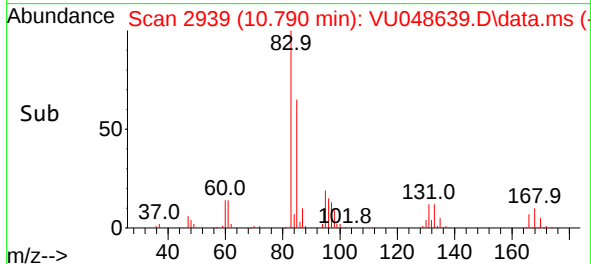
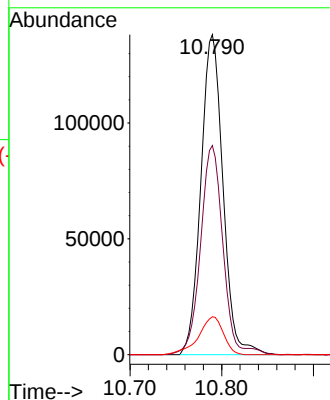
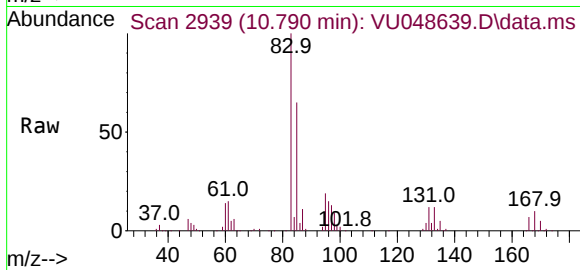




#57
1,1,2,2-Tetrachloroethane
Concen: 55.447 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.006 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

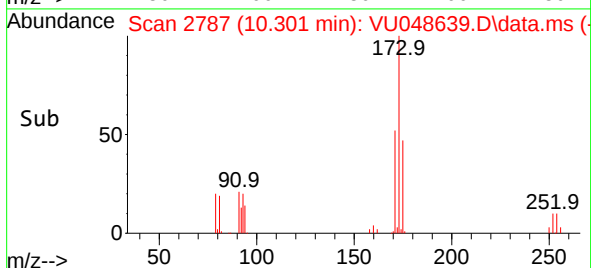
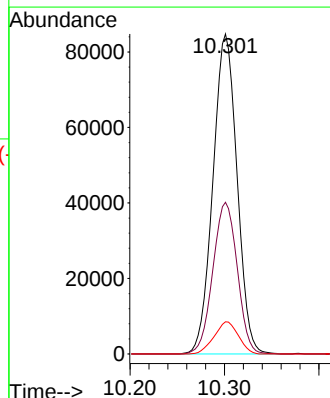
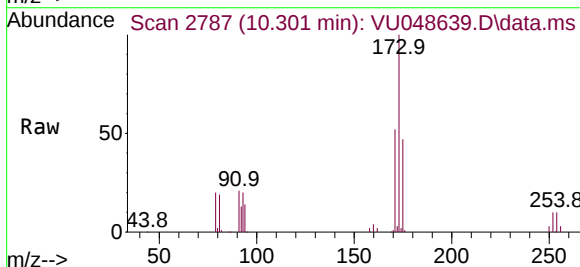
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

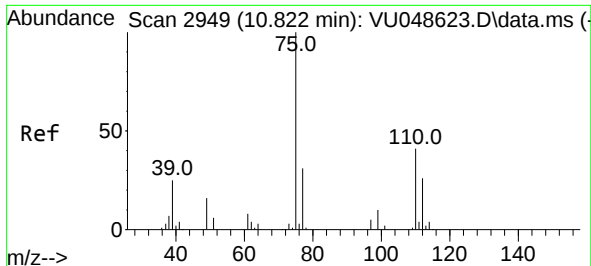
Tgt Ion: 83 Resp: 231062
Ion Ratio Lower Upper
83 100
85 65.4 44.1 81.9
131 11.8 8.9 13.3



#59
Bromoform
Concen: 56.218 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.010 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion: 173 Resp: 150060
Ion Ratio Lower Upper
173 100
175 48.0 38.2 57.4
254 10.1 7.7 11.5

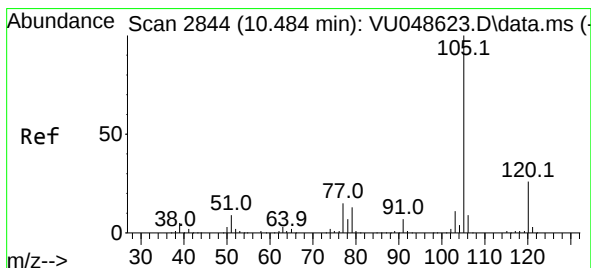
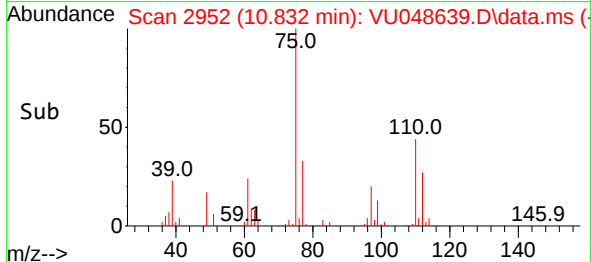
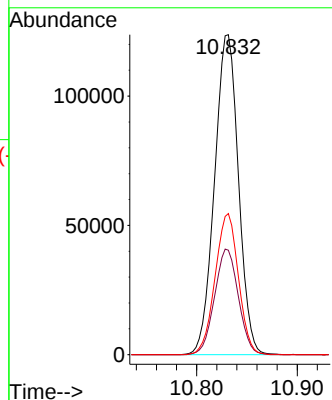
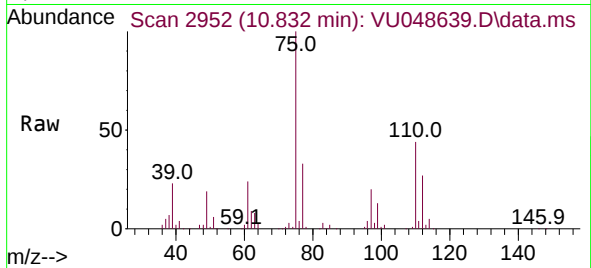




#60
1,2,3-Trichloropropane
Concen: 53.096 ug/L
RT: 10.832 min Scan# 2949
Delta R.T. 0.010 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

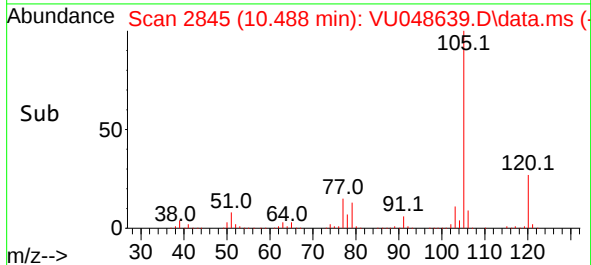
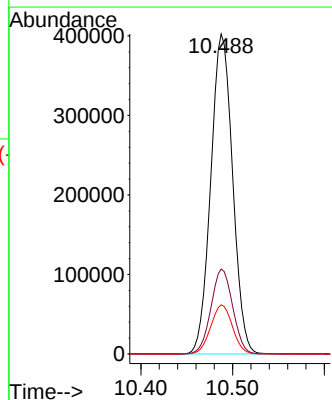
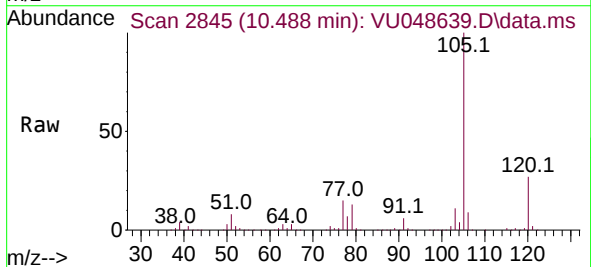
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

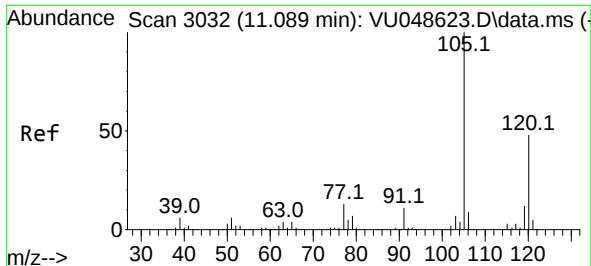
Tgt Ion: 75 Resp: 204483
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
110 43.0 32.1 48.1



#61
Isopropylbenzene
Concen: 55.587 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion: 105 Resp: 664766
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 15.3 12.5 18.7

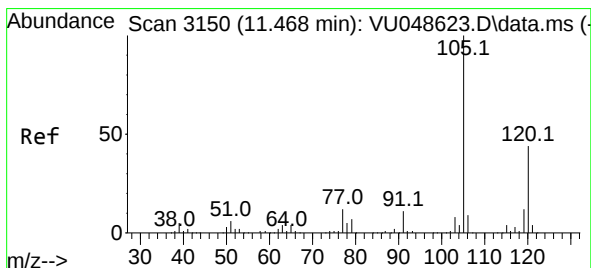
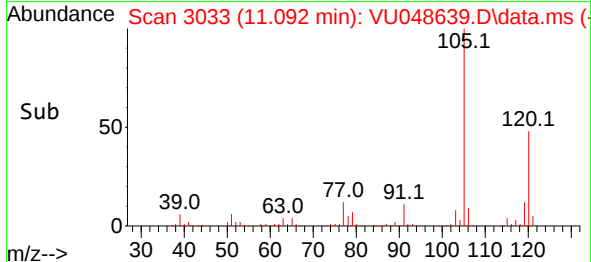
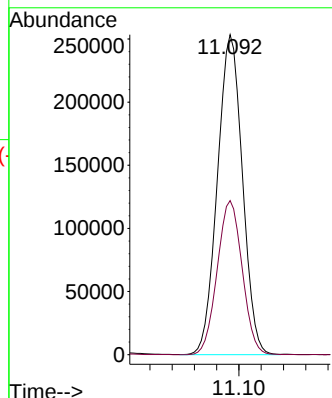
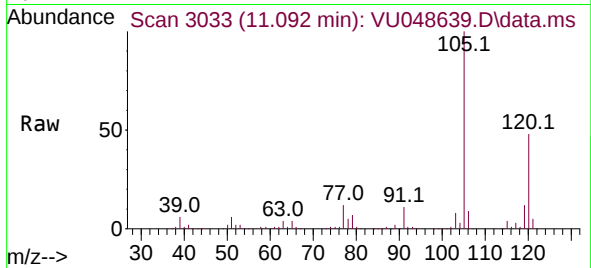




#62
1,3,5-Trimethylbenzene
Concen: 58.181 ug/L
RT: 11.092 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

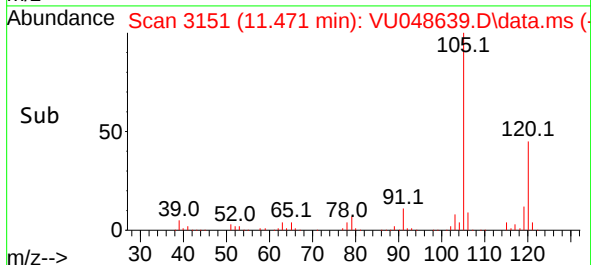
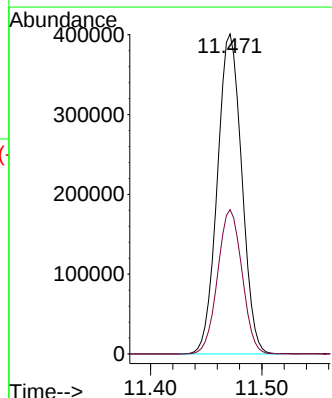
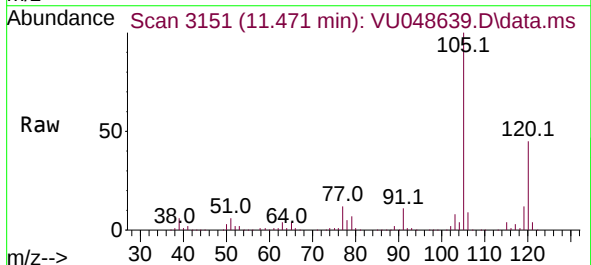
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

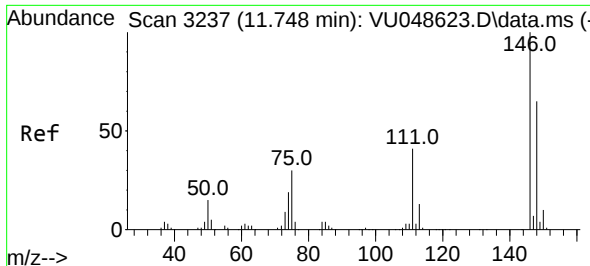
Tgt Ion:105 Resp: 395568
Ion Ratio Lower Upper
105 100
120 48.0 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 57.798 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion:105 Resp: 611059
Ion Ratio Lower Upper
105 100
120 45.0 35.4 53.2

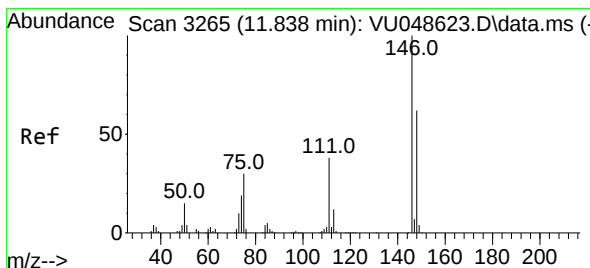
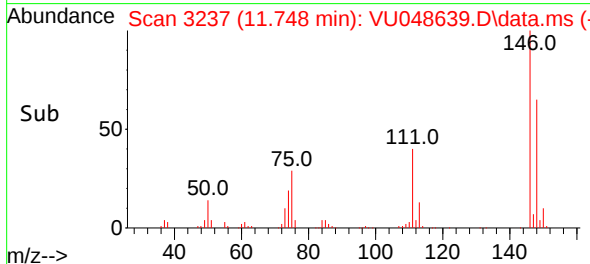
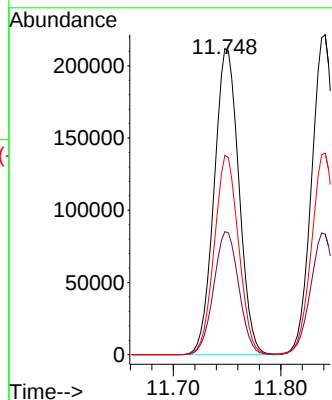
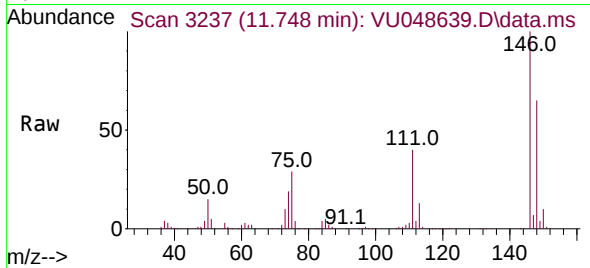




#64
1,3-Dichlorobenzene
Concen: 55.051 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

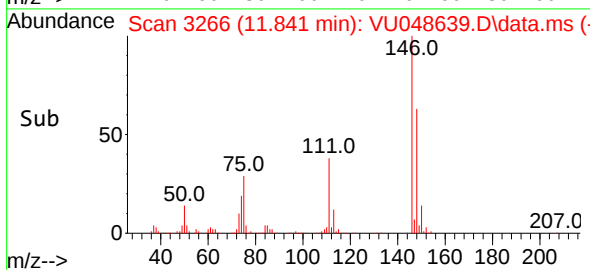
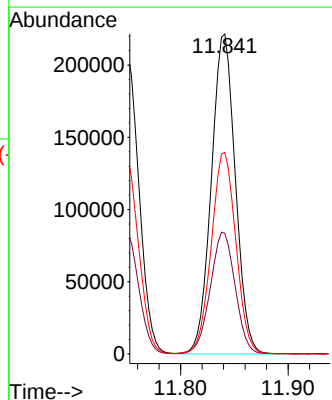
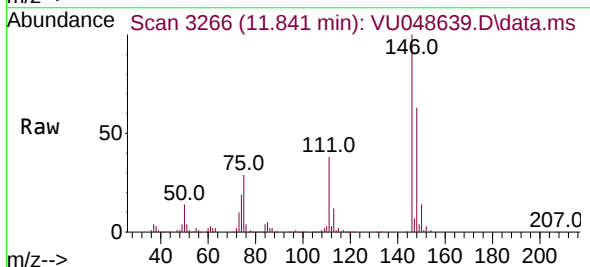
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

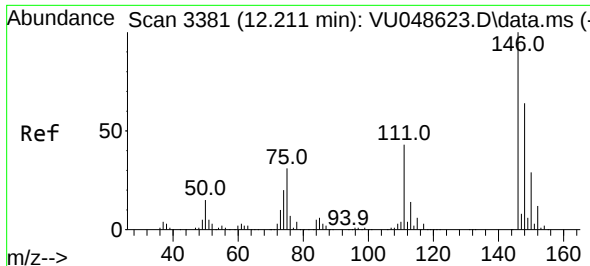
Tgt Ion:146 Resp: 339513
Ion Ratio Lower Upper
146 100
111 40.2 28.7 53.3
148 65.1 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 53.745 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion:146 Resp: 343953
Ion Ratio Lower Upper
146 100
111 37.7 27.6 51.2
148 63.0 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 53.096 ug/L

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

EW4K6MEMSD

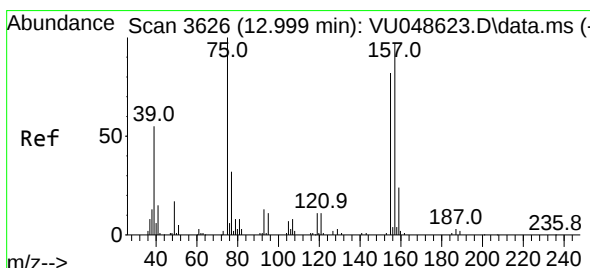
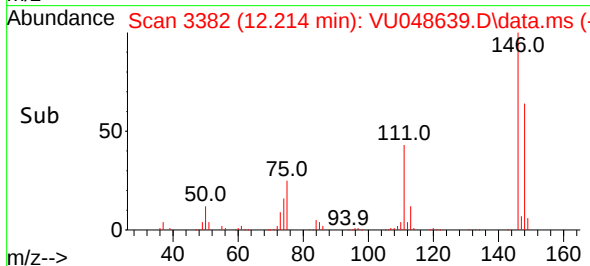
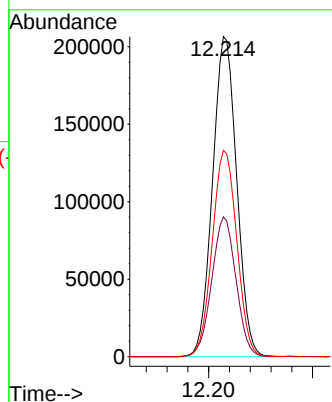
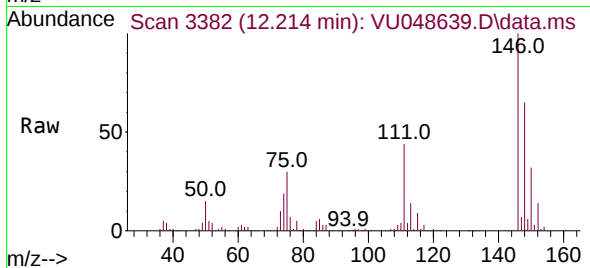
Tgt Ion:146 Resp: 333065

Ion Ratio Lower Upper

146 100

111 43.7 34.1 51.1

148 64.5 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.531 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU048639.D

Acq: 19 May 2022 18:50

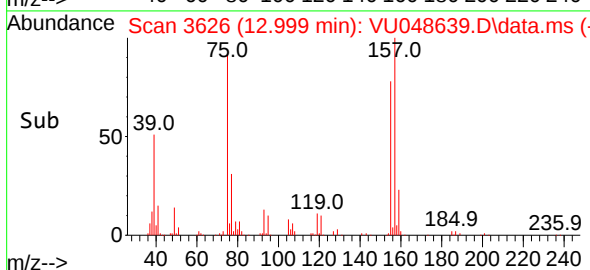
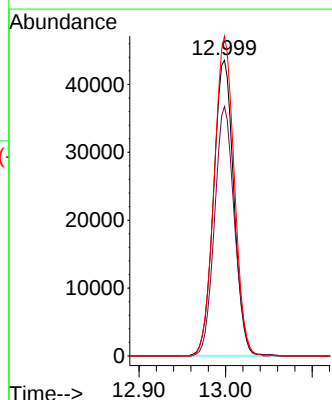
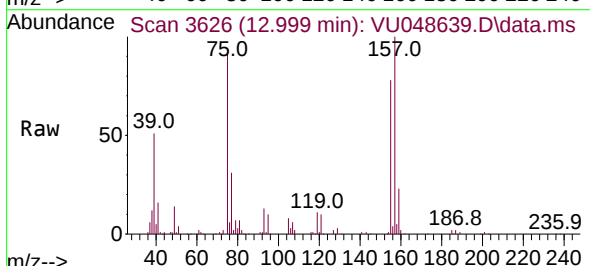
Tgt Ion: 75 Resp: 70773

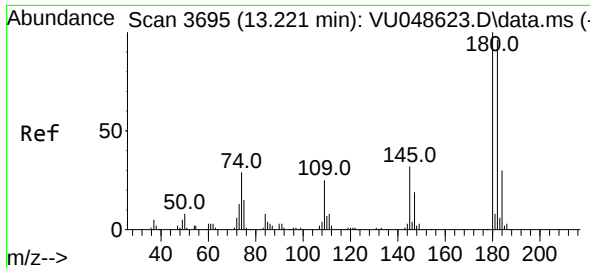
Ion Ratio Lower Upper

75 100

155 84.4 63.5 95.3

157 108.2 83.5 125.3

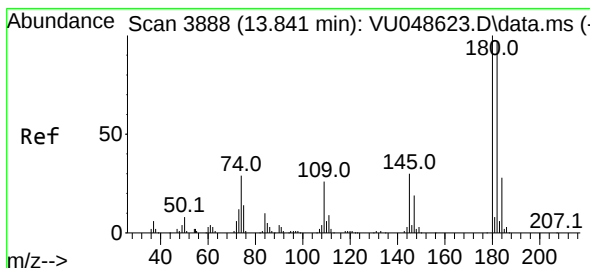
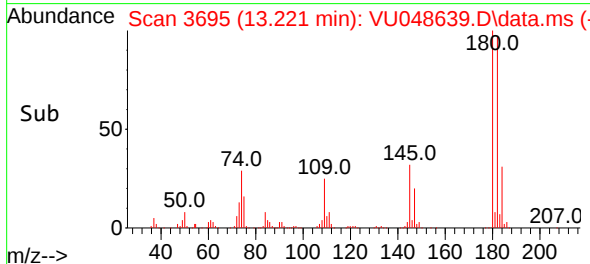
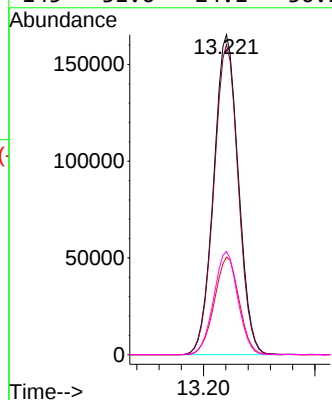
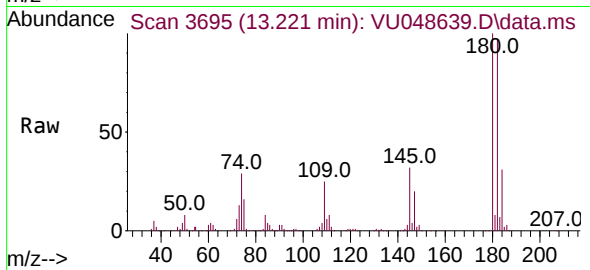




#69
1,3,5-Trichlorobenzene
Concen: 51.712 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

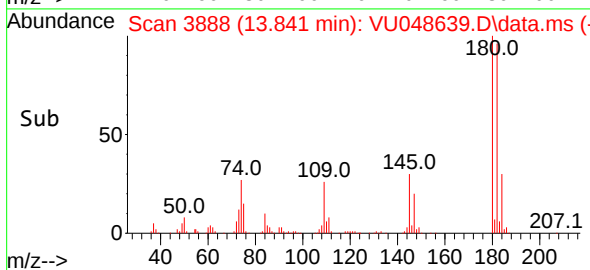
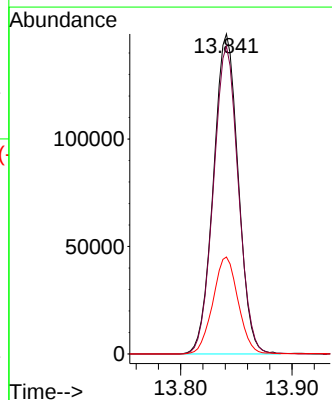
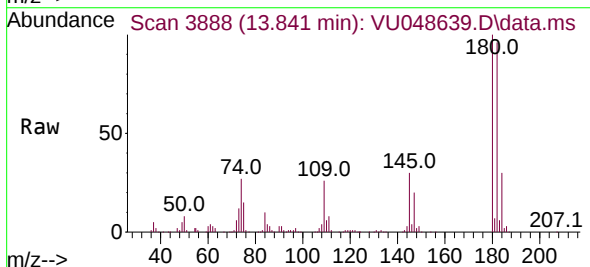
Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

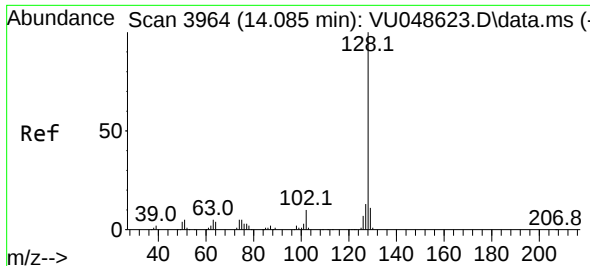
Tgt Ion:	180	Resp:	254191
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.8	113.6
184	30.6	23.4	35.2
145	31.6	24.1	36.1



#70
1,2,4-trichlorobenzene
Concen: 51.882 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion:	180	Resp:	230660
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.8	113.8
145	30.9	24.9	37.3

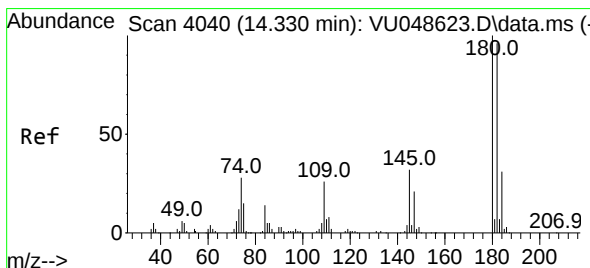
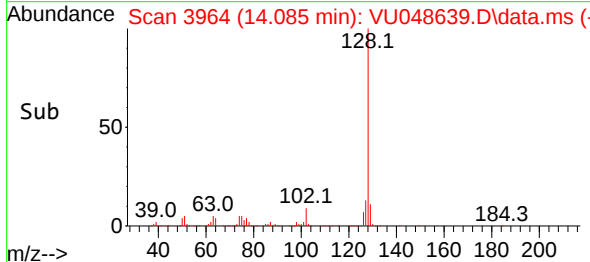
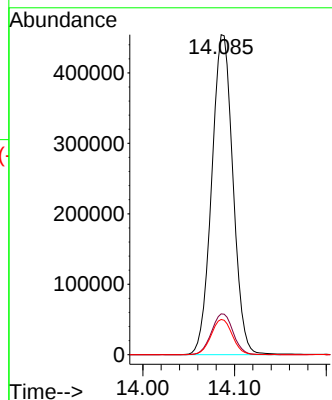
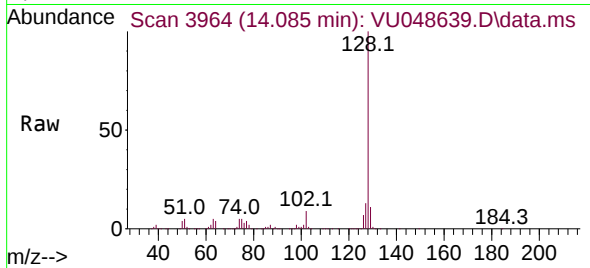




#71
Naphthalene
Concen: 49.929 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Instrument :
MSVOA_U
ClientSampleId :
EW4K6MEMSD

Tgt Ion:128 Resp: 731940
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 51.291 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048639.D
Acq: 19 May 2022 18:50

Tgt Ion:180 Resp: 228949
Ion Ratio Lower Upper
180 100
182 93.8 75.6 113.4
145 32.6 27.1 40.7

