

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090622\
 Data File : U050641.D
 Acq On : 06 Sep 2022 18:07
 Operator : SY/MD
 Sample : N4481-07MSD 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MSD

Quant Time: Sep 07 01:41:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	242465	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236640	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	116648	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60151	29.005	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.000%#
7) Chloroethane-d5	1.903	69	49790	35.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.565	63	142230	38.810	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.620%
21) 2-Butanone-d5	4.620	46	124138	81.816	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.820%
24) Chloroform-d	5.060	84	177102	45.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
26) 1,2-Dichloroethane-d4	5.700	65	108702	45.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.520%
32) Benzene-d6	5.726	84	327578	41.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.780%
36) 1,2-Dichloropropane-d6	6.690	67	107806	41.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.980%
41) Toluene-d8	7.896	98	298023	44.564	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.120%
43) trans-1,3-Dichloroprop...	8.179	79	49534	46.627	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
47) 2-Hexanone-d5	8.632	63	58467	90.530	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.530%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	179848	46.288	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.580%
66) 1,2-Dichlorobenzene-d4	12.192	152	117459	43.015	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	118963	51.081	ug/L	99
3) Chloromethane	1.520	50	104663	41.592	ug/L	100
5) Vinyl chloride	1.604	62	95434	40.253	ug/L	99
6) Bromomethane	1.845	94	50421	42.170	ug/L	99
8) Chloroethane	1.925	64	53382	42.392	ug/L	97
9) Trichlorofluoromethane	2.134	101	144176	49.913	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	92064	48.587	ug/L	98
12) 1,1-Dichloroethene	2.578	96	85479	46.428	ug/L	89
13) Acetone	2.623	43	100908	88.164	ug/L	100
14) Carbon disulfide	2.790	76	252899	46.322	ug/L	99
15) Methyl Acetate	2.944	43	104077	42.997	ug/L	97
16) Methylene chloride	3.044	84	103548	42.854	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	92184	47.217	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	289639	47.848	ug/L	98
19) 1,1-Dichloroethane	3.867	63	173346	46.021	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	107006	48.577	ug/L	93
22) 2-Butanone	4.700	43	154512	86.313	ug/L	96
23) Bromochloromethane	4.973	128	55927	49.133	ug/L	93
25) Chloroform	5.086	83	189021	49.256	ug/L	99

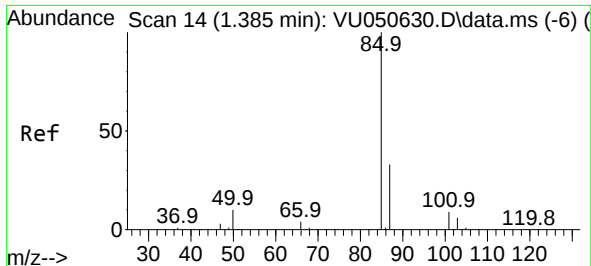
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050641.D
 Acq On : 06 Sep 2022 18:07
 Operator : SY/MD
 Sample : N4481-07MSD 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MSD

Quant Time: Sep 07 01:41:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	142226	50.004	ug/L	98
29) Cyclohexane	5.388	56	148978	47.008	ug/L	94
30) 1,1,1-Trichloroethane	5.317	97	165917	52.056	ug/L	98
31) Carbon tetrachloride	5.523	117	141031	54.007	ug/L	100
33) Benzene	5.774	78	414769	48.162	ug/L	100
34) Trichloroethene	6.542	95	100973	50.319	ug/L	98
35) Methylcyclohexane	6.764	83	159422	49.972	ug/L	97
37) 1,2-Dichloropropane	6.790	63	106128	46.654	ug/L	99
38) Bromodichloromethane	7.105	83	138799	51.870	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	148338	48.175	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	278796	89.936	ug/L	97
42) Toluene	7.970	91	434032	49.615	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	146170	50.596	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	104780	47.949	ug/L	99
46) Tetrachloroethene	8.552	164	80779	55.115	ug/L	97
48) 2-Hexanone	8.684	43	255678	88.377	ug/L	100
49) Dibromochloromethane	8.809	129	110908	53.212	ug/L	98
50) 1,2-Dibromoethane	8.922	107	113016	50.854	ug/L	97
51) Chlorobenzene	9.446	112	268933	49.534	ug/L	98
52) Ethylbenzene	9.571	91	446245	51.637	ug/L	100
53) m,p-Xylene	9.693	106	170652	51.543	ug/L	97
54) o-Xylene	10.098	106	173966	52.777	ug/L	98
55) Styrene	10.115	104	286998	52.917	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	186444	47.899	ug/L	100
59) Bromoform	10.291	173	84476	48.539	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	146827	42.900	ug/L	98
61) Isopropylbenzene	10.484	105	433016	46.897	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	378157	47.906	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	363015	47.891	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	199554	49.119	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	193790	48.257	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	204640	47.295	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	39666	43.887	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	143415	48.643	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	116567	46.561	ug/L	99
71) Naphthalene	14.085	128	401231	45.203	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	127644	47.082	ug/L	99

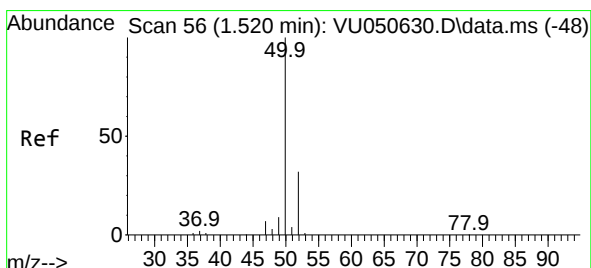
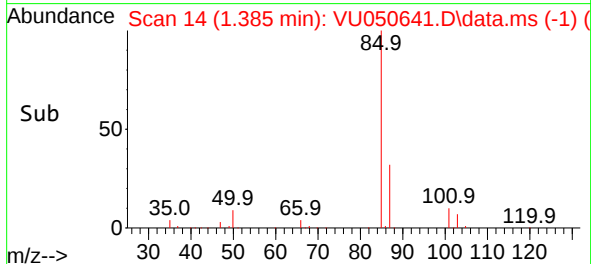
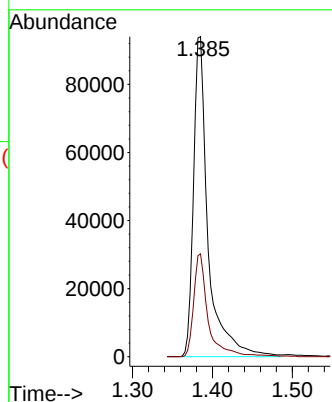
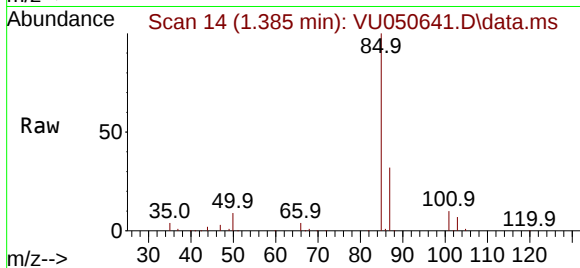
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 51.081 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

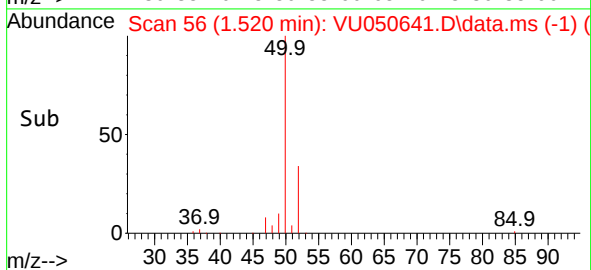
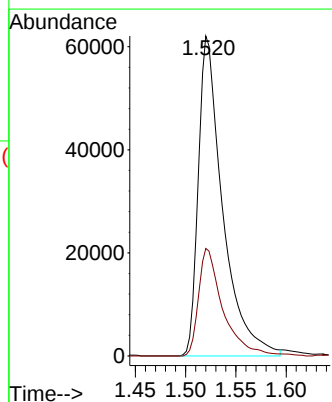
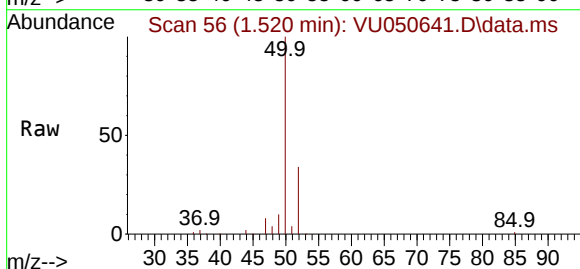
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

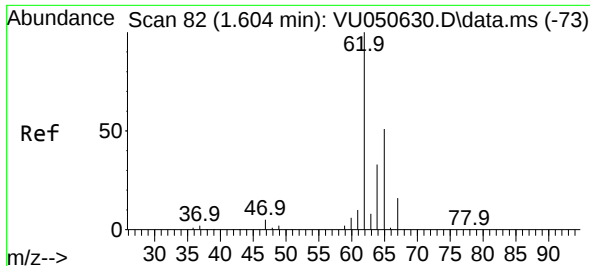
Tgt Ion: 85 Resp: 118963
Ion Ratio Lower Upper
85 100
87 31.5 25.8 38.8



#3
Chloromethane
Concen: 41.592 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion: 50 Resp: 104663
Ion Ratio Lower Upper
50 100
52 33.6 23.7 43.9

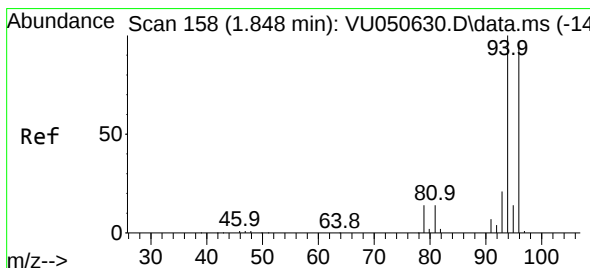
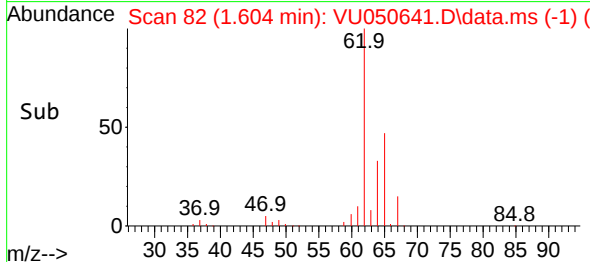
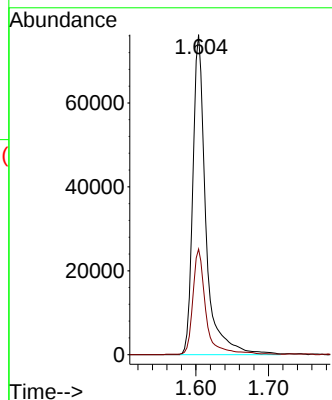
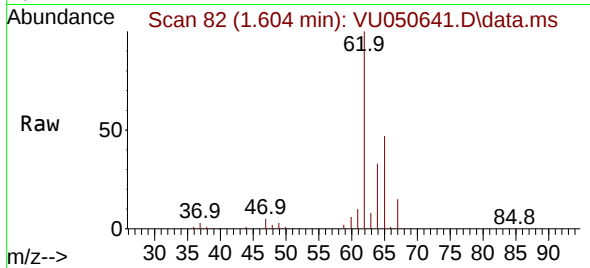




#5
 Vinyl chloride
 Concen: 40.253 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050641.D
 Acq: 06 Sep 2022 18:07

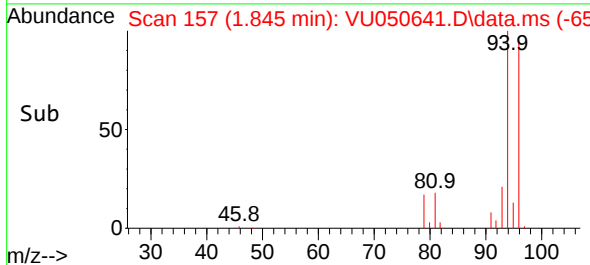
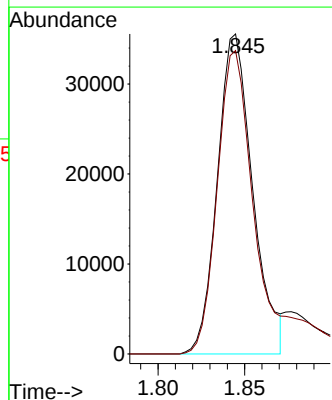
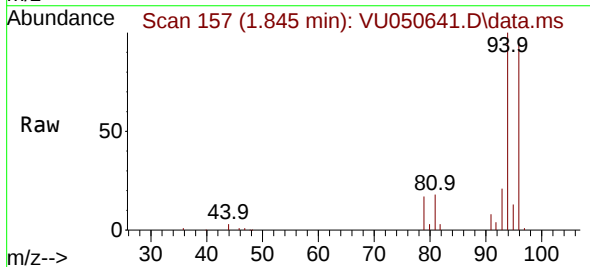
Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MSD

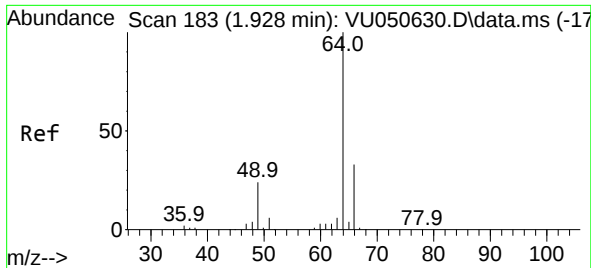
Tgt Ion: 62 Resp: 95434
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.5 43.7



#6
 Bromomethane
 Concen: 42.170 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.003 min
 Lab File: VU050641.D
 Acq: 06 Sep 2022 18:07

Tgt Ion: 94 Resp: 50421
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.6 121.8

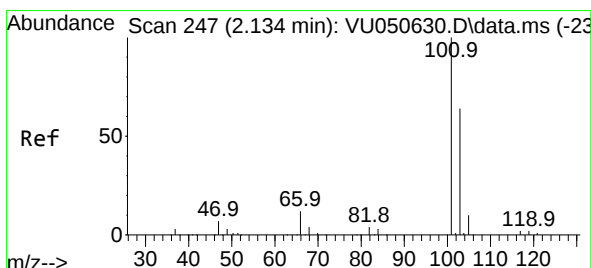
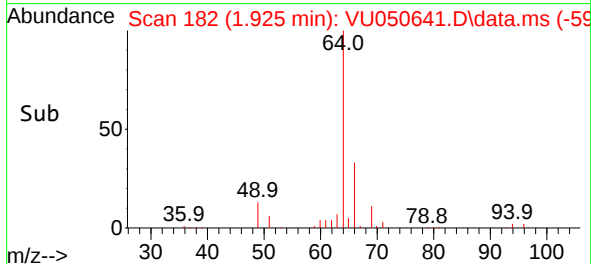
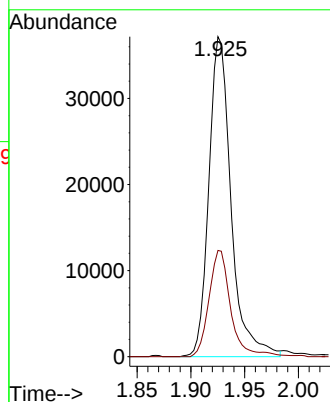
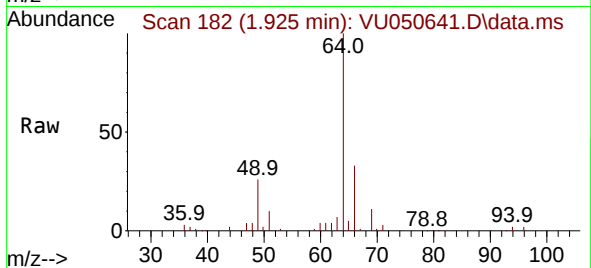




#8
Chloroethane
Concen: 42.392 ug/L
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

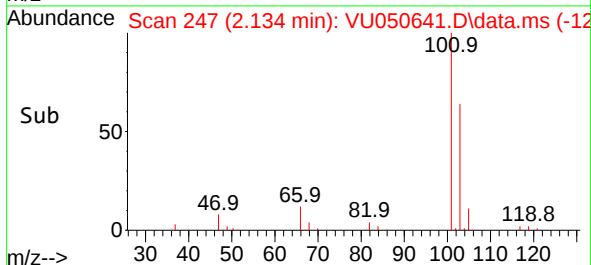
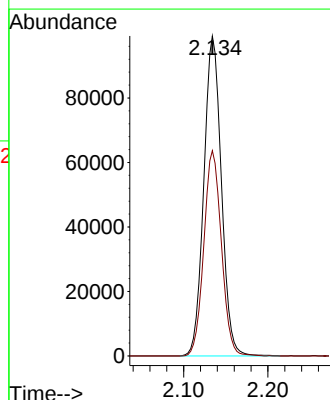
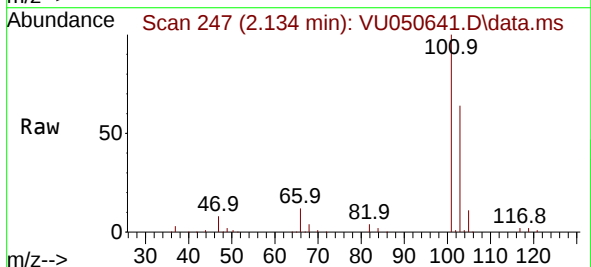
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

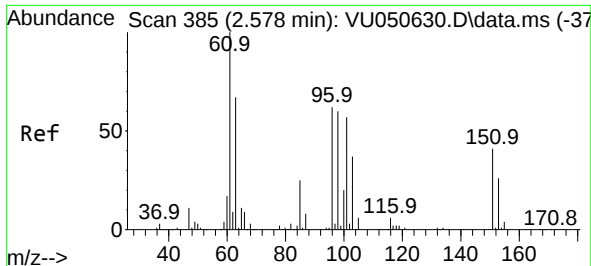
Tgt Ion: 64 Resp: 53382
Ion Ratio Lower Upper
64 100
66 33.2 21.9 40.7



#9
Trichlorofluoromethane
Concen: 49.913 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion:101 Resp: 144176
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

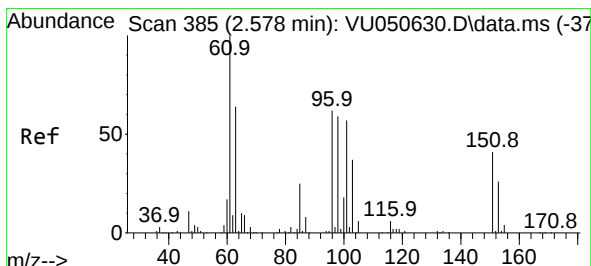
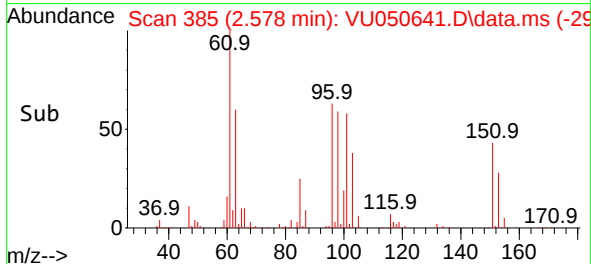
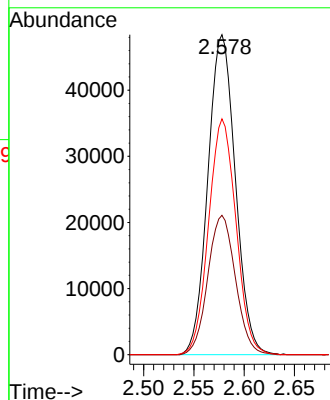
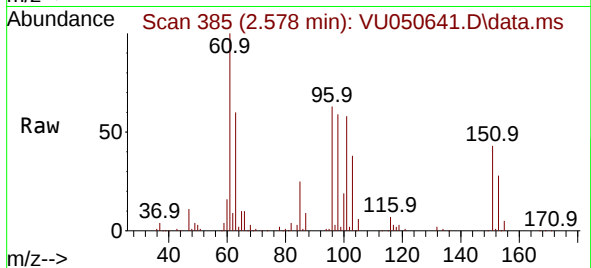




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.587 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

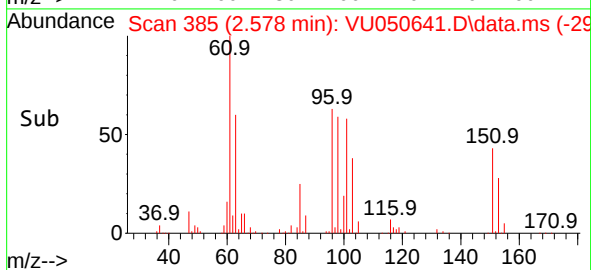
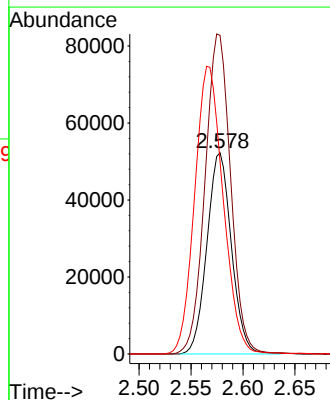
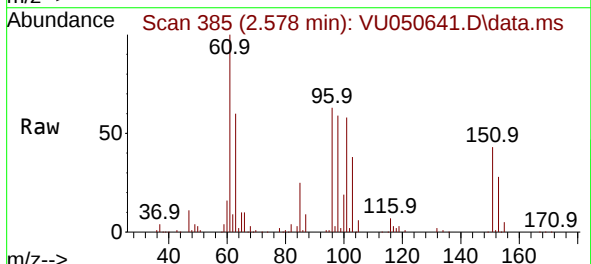
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

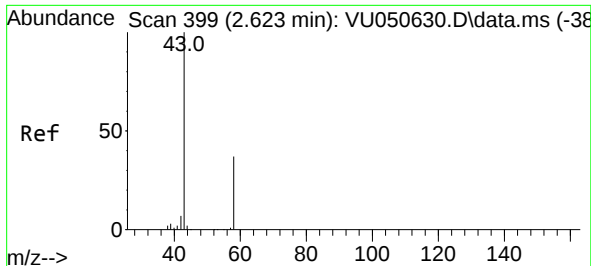
Tgt Ion:101 Resp: 92064
Ion Ratio Lower Upper
101 100
85 43.8 34.4 51.6
151 73.5 57.7 86.5



#12
1,1-Dichloroethene
Concen: 46.428 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion: 96 Resp: 85479
Ion Ratio Lower Upper
96 100
61 158.2 118.0 219.1
63 95.6 79.5 147.7





#13

Acetone

Concen: 88.164 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

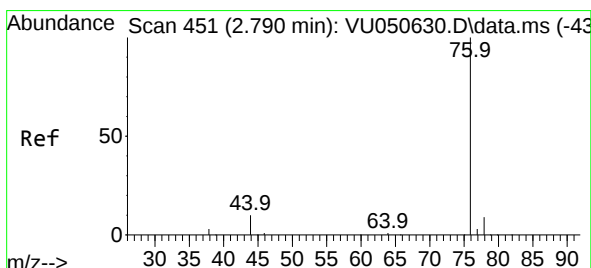
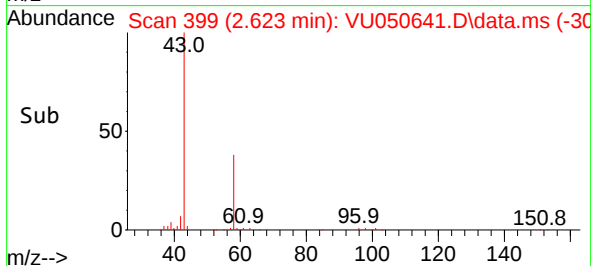
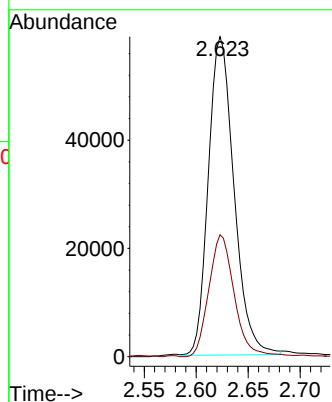
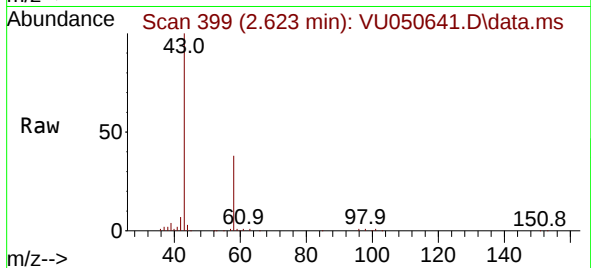
DBVF5MSD

Tgt Ion: 43 Resp: 100908

Ion Ratio Lower Upper

43 100

58 38.1 0.0 76.2



#14

Carbon disulfide

Concen: 46.322 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU050641.D

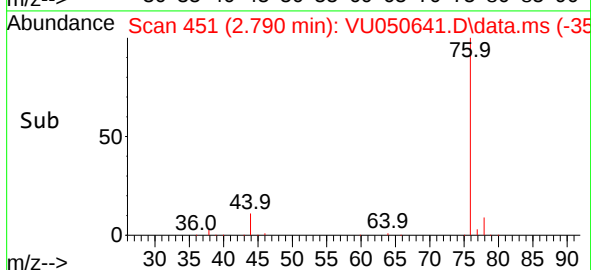
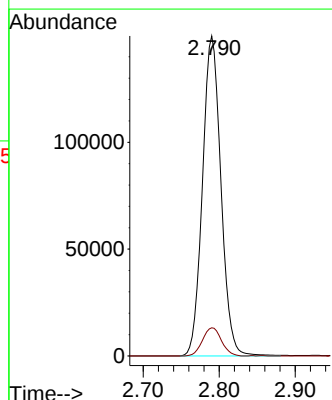
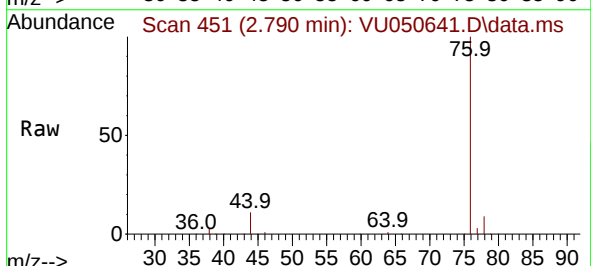
Acq: 06 Sep 2022 18:07

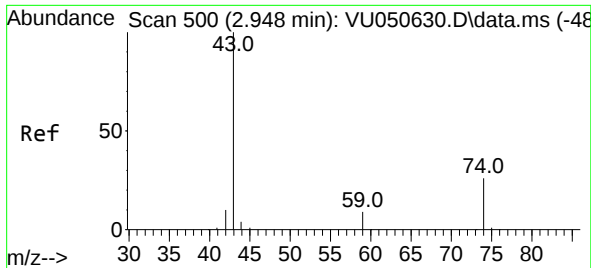
Tgt Ion: 76 Resp: 252899

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

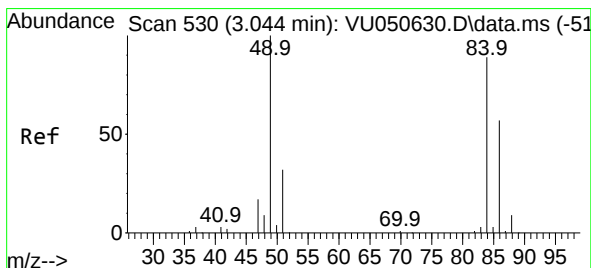
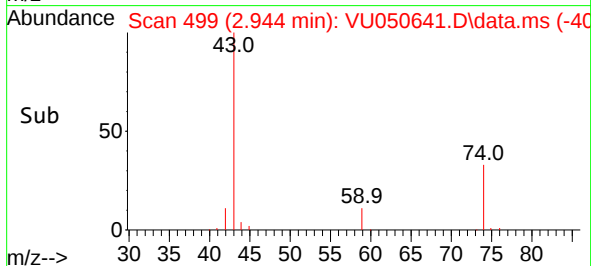
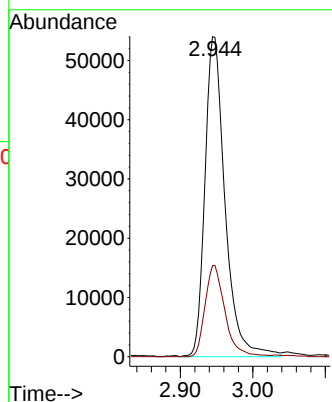
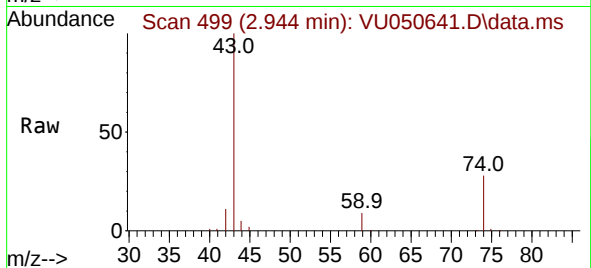




#15
Methyl Acetate
Concen: 42.997 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

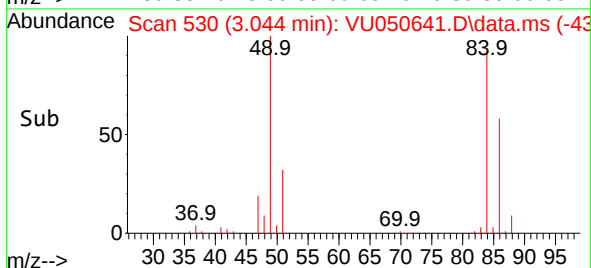
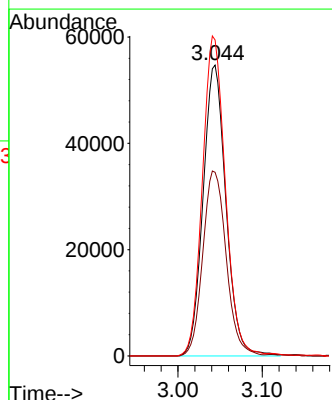
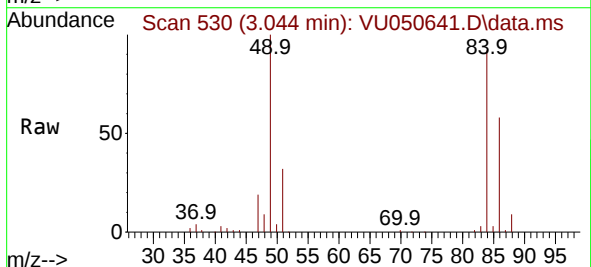
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

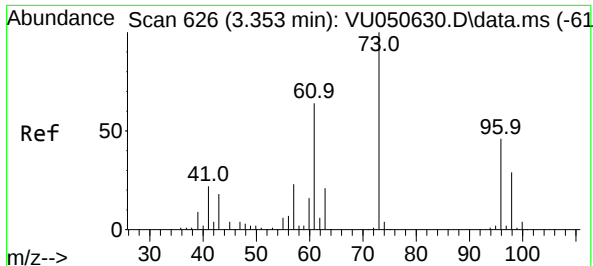
Tgt Ion: 43 Resp: 104077
Ion Ratio Lower Upper
43 100
74 28.1 21.2 31.8



#16
Methylene chloride
Concen: 42.854 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion: 84 Resp: 103548
Ion Ratio Lower Upper
84 100
86 63.2 44.8 83.2
49 108.7 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 47.217 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

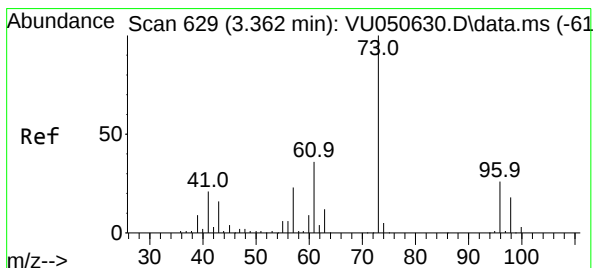
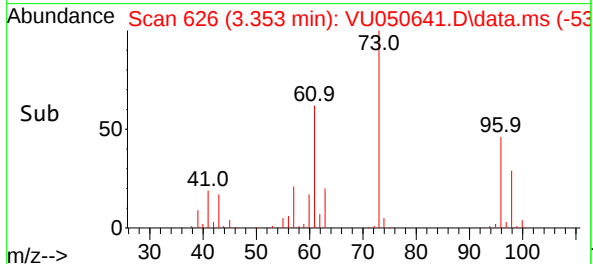
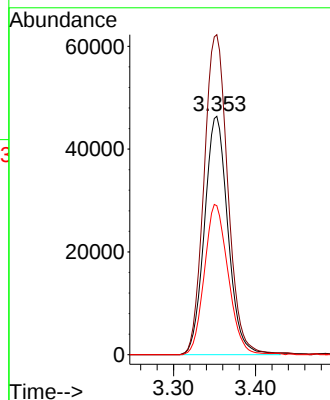
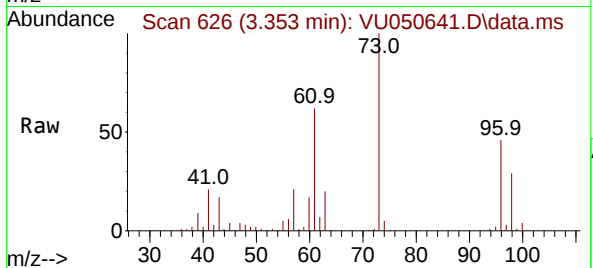
Tgt Ion: 96 Resp: 92184

Ion Ratio Lower Upper

96 100

61 134.2 97.9 181.7

98 62.5 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 47.848 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

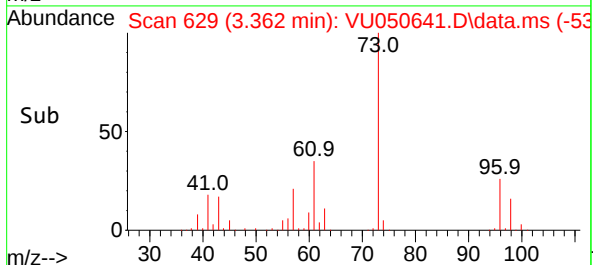
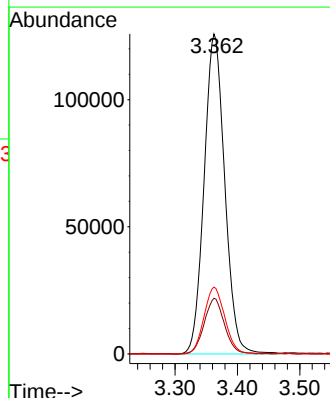
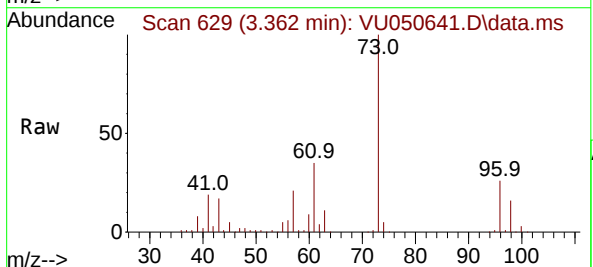
Tgt Ion: 73 Resp: 289639

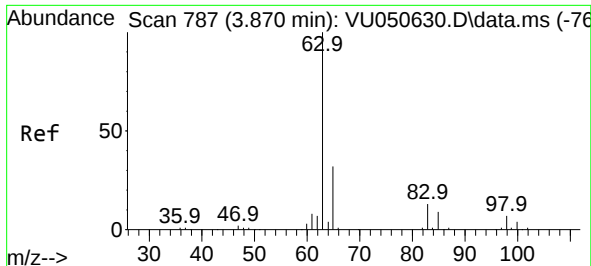
Ion Ratio Lower Upper

73 100

43 17.2 13.4 20.2

57 21.0 17.8 26.8





#19

1,1-Dichloroethane

Concen: 46.021 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

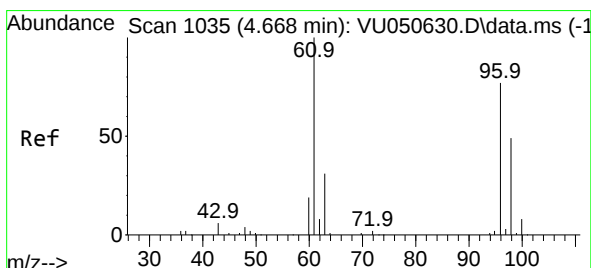
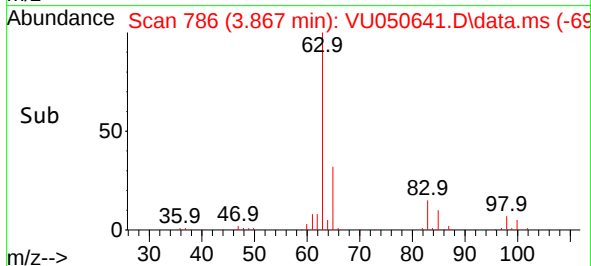
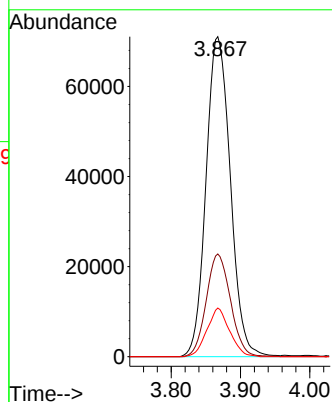
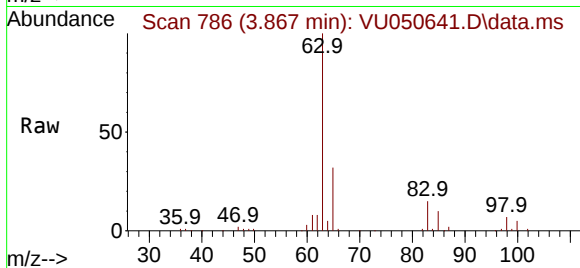
Tgt Ion: 63 Resp: 173346

Ion Ratio Lower Upper

63 100

65 32.1 22.4 41.6

83 15.2 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 48.577 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

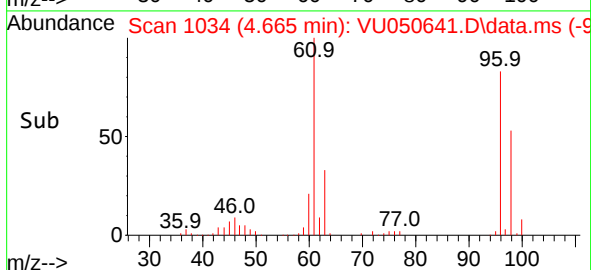
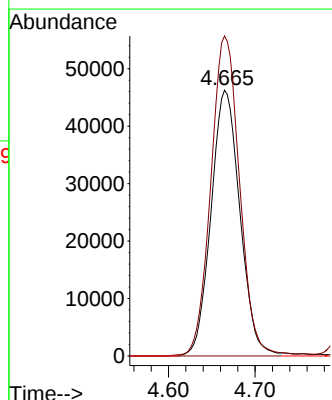
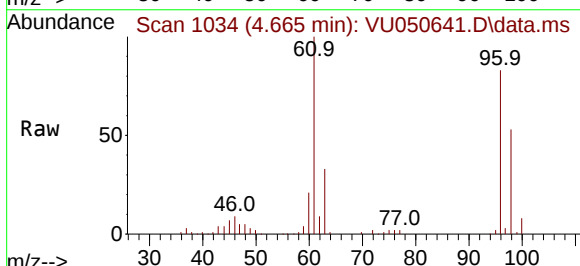
Tgt Ion: 96 Resp: 107006

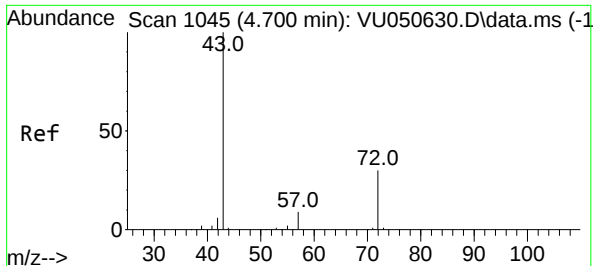
Ion Ratio Lower Upper

96 100

61 120.4 89.8 166.8

68 0.0 0.0 0.0

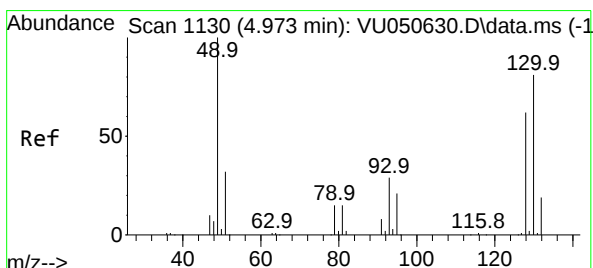
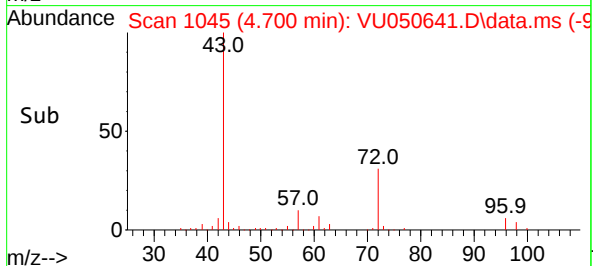
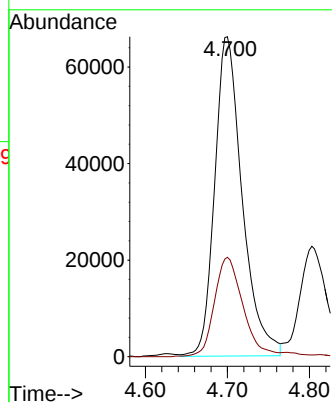
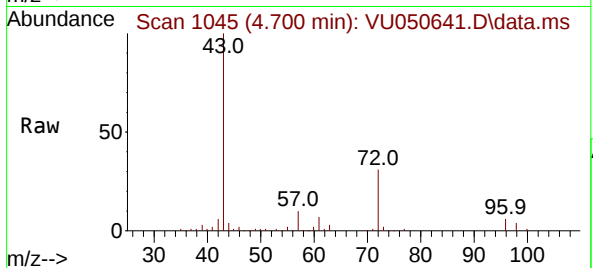




#22
2-Butanone
Concen: 86.313 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

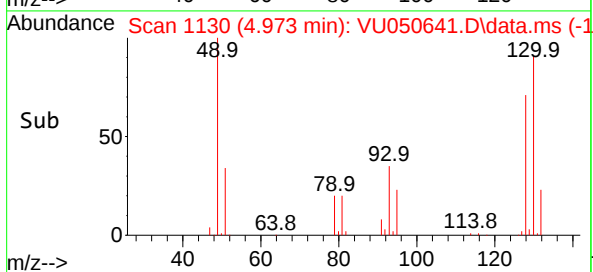
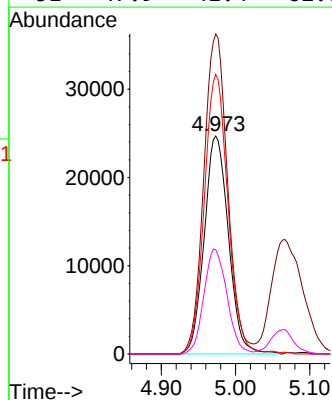
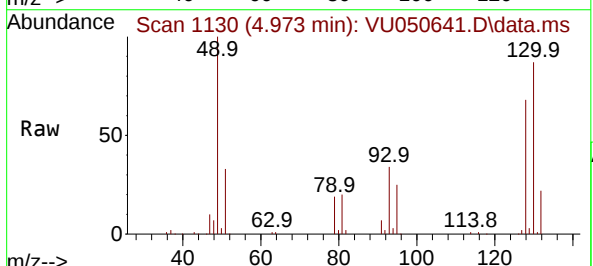
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

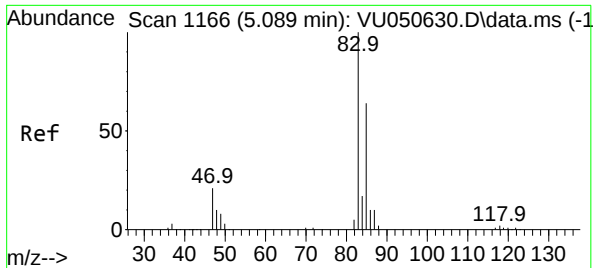
Tgt Ion: 43 Resp: 154512
Ion Ratio Lower Upper
43 100
72 31.7 14.6 44.0



#23
Bromochloromethane
Concen: 49.133 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion:128 Resp: 55927
Ion Ratio Lower Upper
128 100
49 146.9 112.5 208.9
130 128.3 91.8 170.4
51 47.9 41.4 62.0

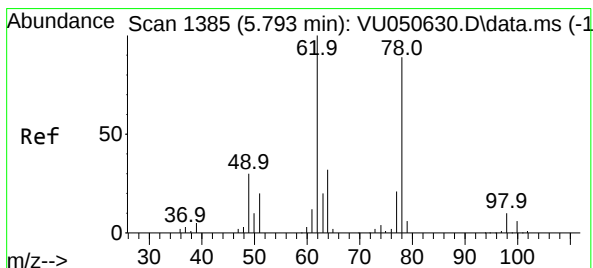
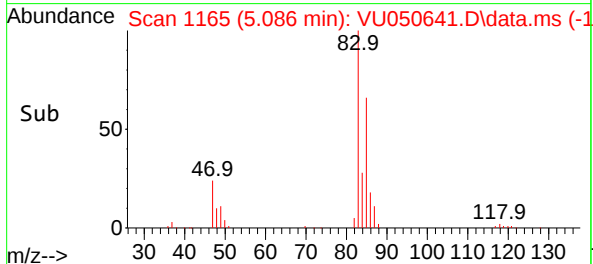
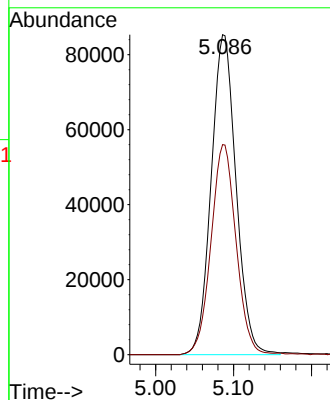
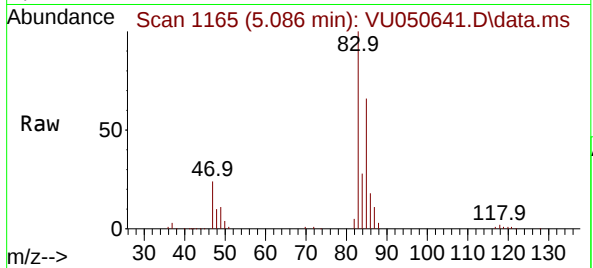




#25
Chloroform
Concen: 49.256 ug/L
RT: 5.086 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

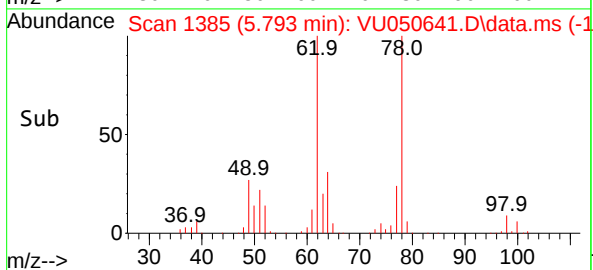
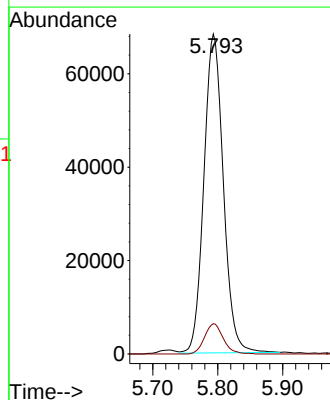
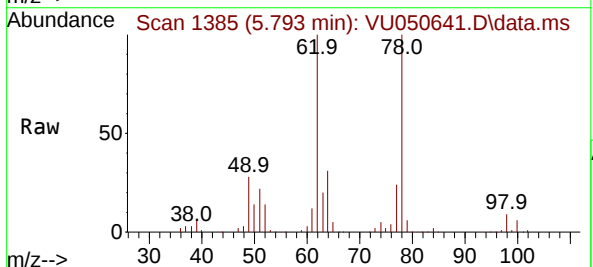
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

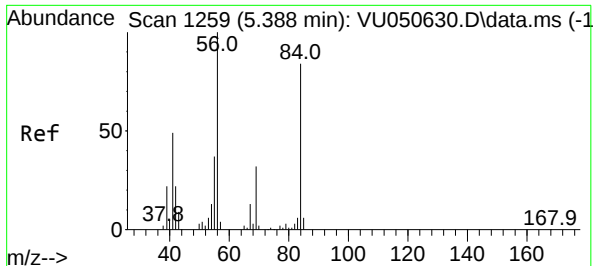
Tgt Ion: 83 Resp: 189021
Ion Ratio Lower Upper
83 100
85 65.7 45.6 84.8



#27
1,2-Dichloroethane
Concen: 50.004 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion: 62 Resp: 142226
Ion Ratio Lower Upper
62 100
98 9.4 8.2 12.2





#29

Cyclohexane

Concen: 47.008 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

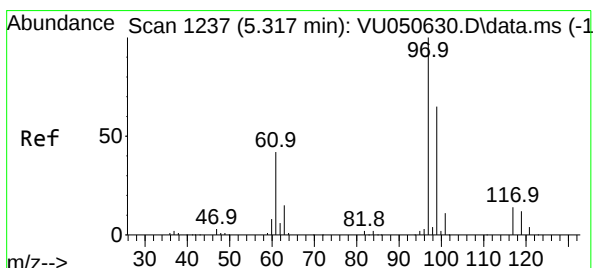
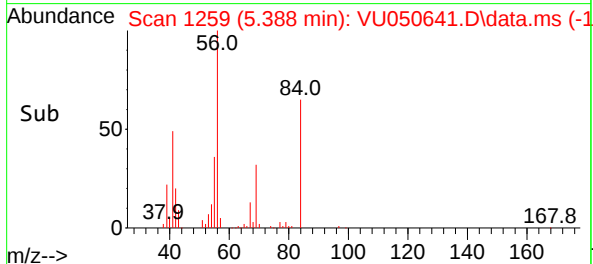
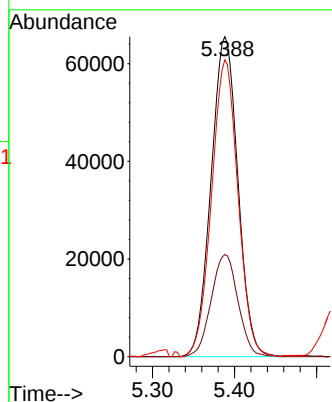
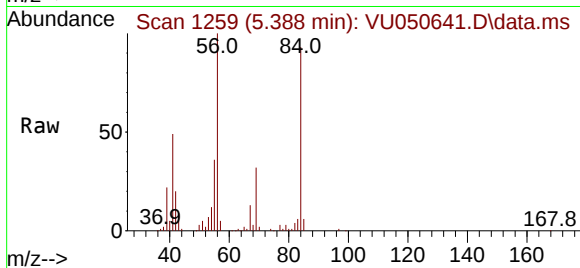
Tgt Ion: 56 Resp: 148978

Ion Ratio Lower Upper

56 100

69 31.9 24.6 37.0

84 91.4 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 52.056 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

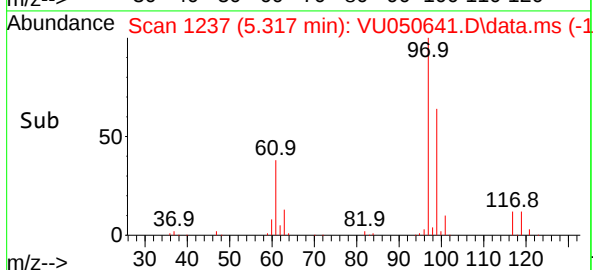
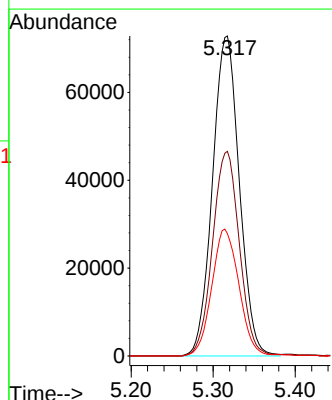
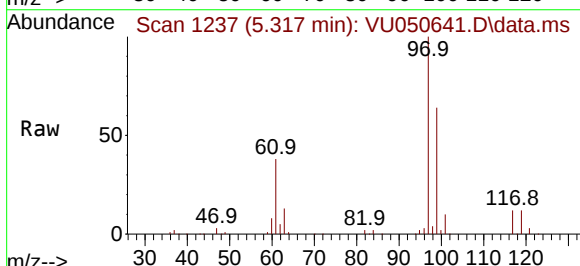
Tgt Ion: 97 Resp: 165917

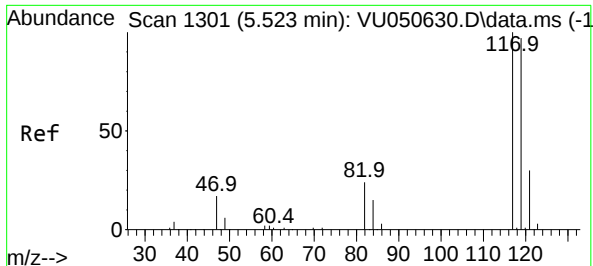
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 40.1 34.2 51.4

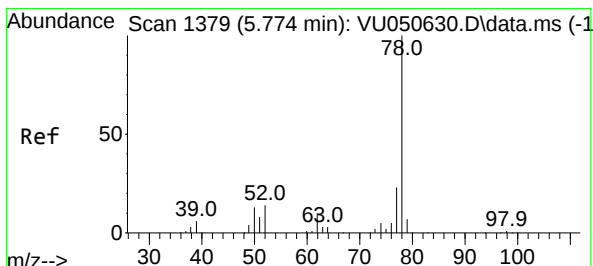
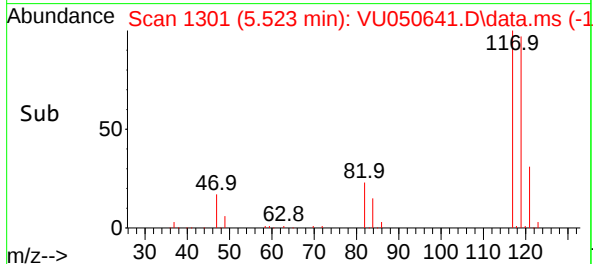
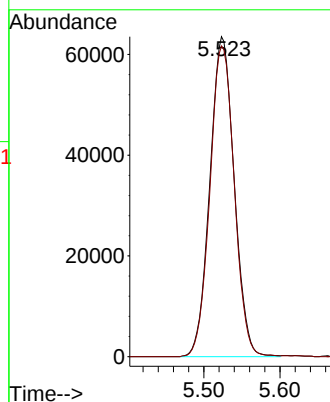
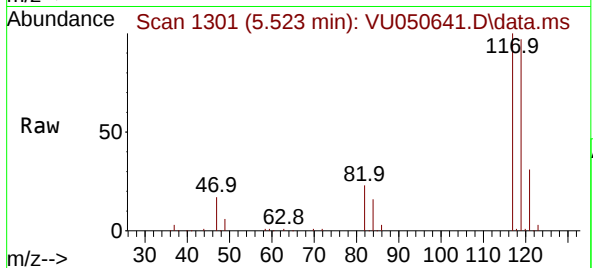




#31
Carbon tetrachloride
Concen: 54.007 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

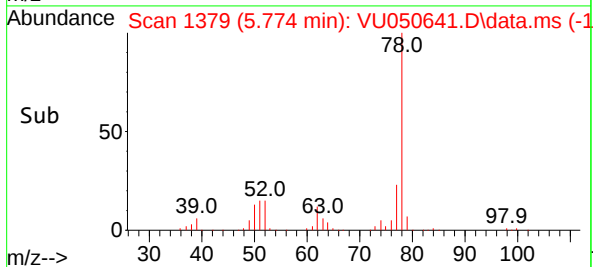
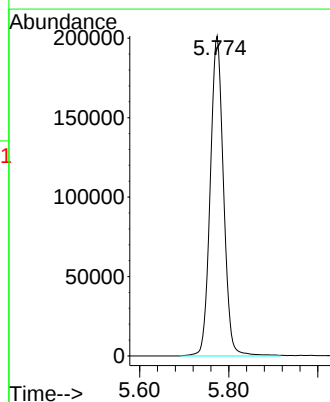
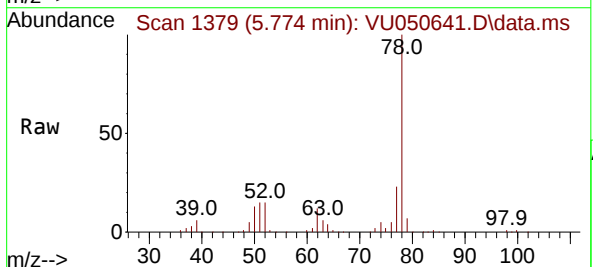
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

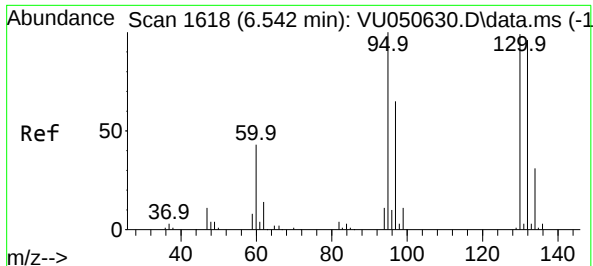
Tgt Ion:117 Resp: 141031
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2



#33
Benzene
Concen: 48.162 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion: 78 Resp: 414769

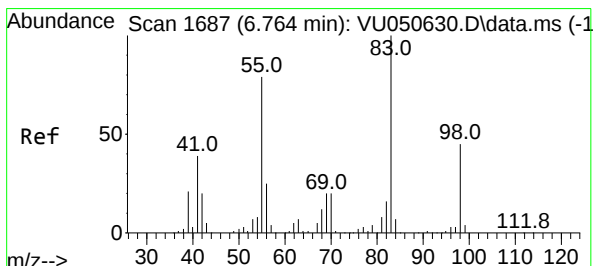
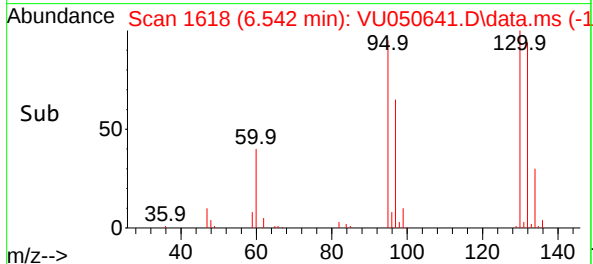
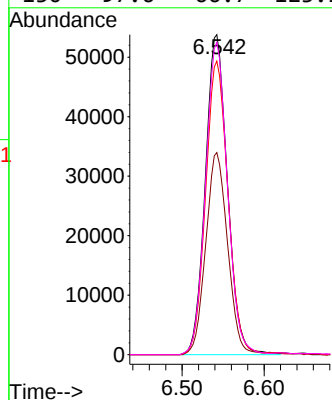
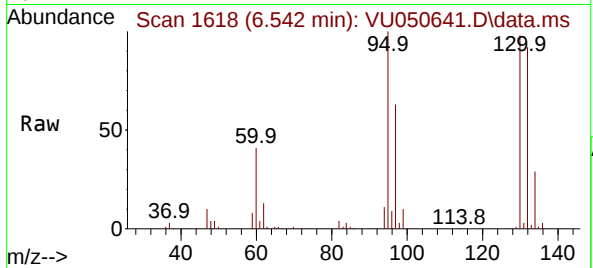




#34
Trichloroethene
Concen: 50.319 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

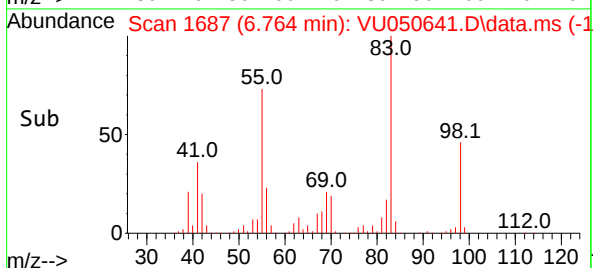
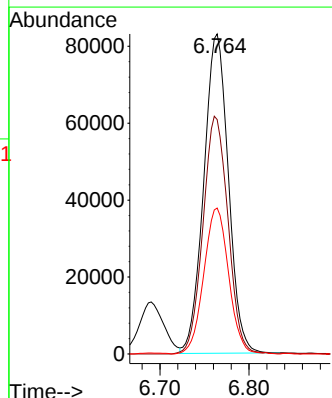
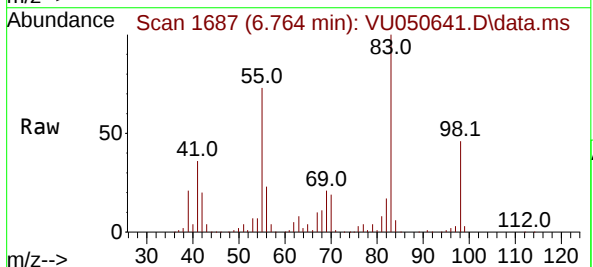
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

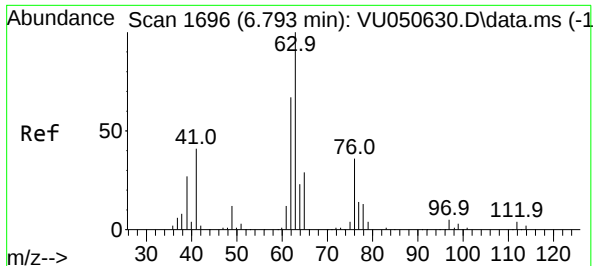
Tgt Ion: 95 Resp: 100973
Ion Ratio Lower Upper
95 100
97 63.1 45.4 84.2
132 91.7 65.2 121.2
130 97.6 66.7 123.9



#35
Methylcyclohexane
Concen: 49.972 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion: 83 Resp: 159422
Ion Ratio Lower Upper
83 100
55 75.7 62.6 93.8
98 46.2 35.5 53.3





#37

1,2-Dichloropropane

Concen: 46.654 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

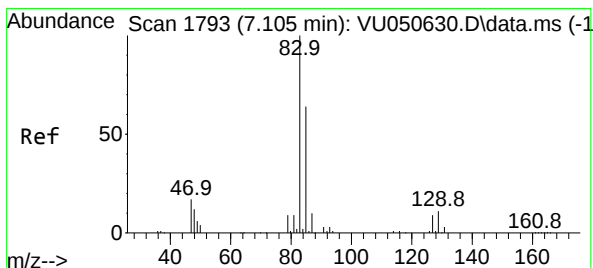
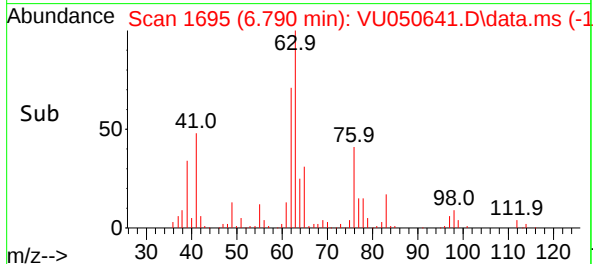
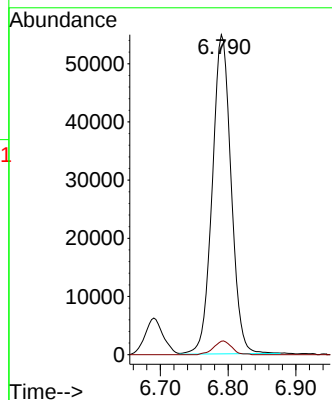
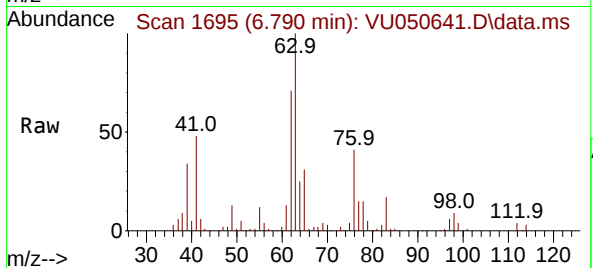
DBVF5MSD

Tgt Ion: 63 Resp: 106128

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.4



#38

Bromodichloromethane

Concen: 51.870 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

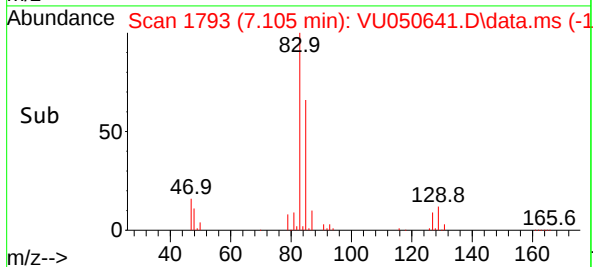
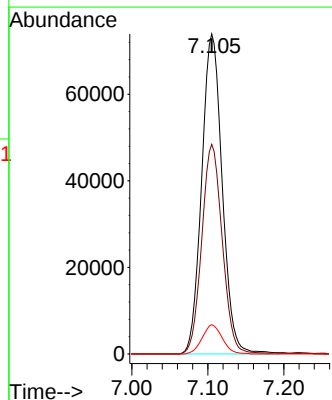
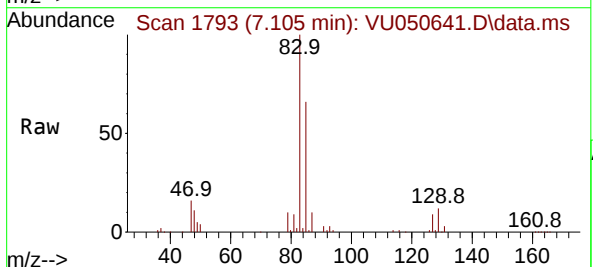
Tgt Ion: 83 Resp: 138799

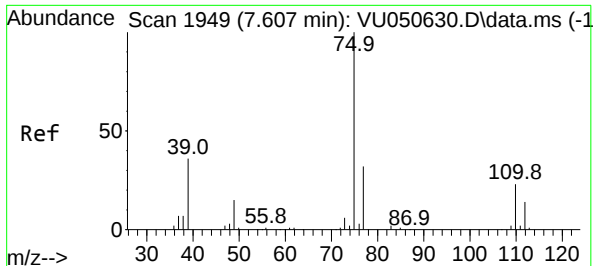
Ion Ratio Lower Upper

83 100

85 65.5 44.9 83.5

127 9.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 48.175 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

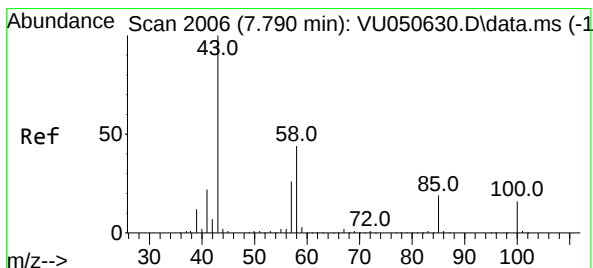
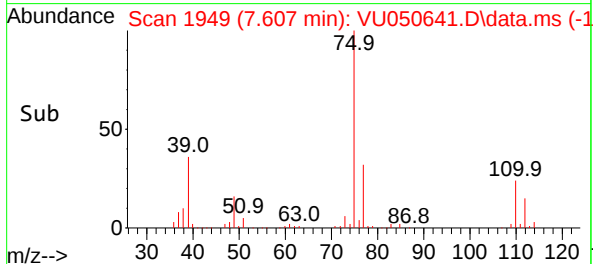
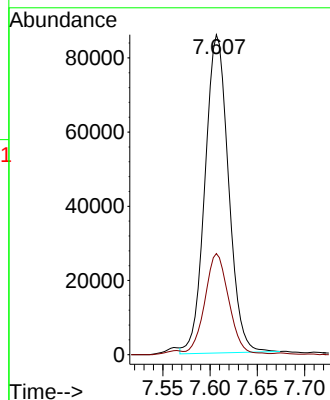
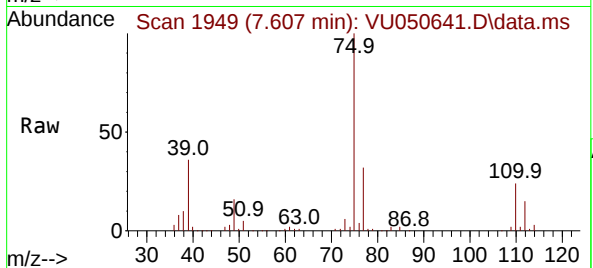
DBVF5MSD

Tgt Ion: 75 Resp: 148338

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 89.936 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

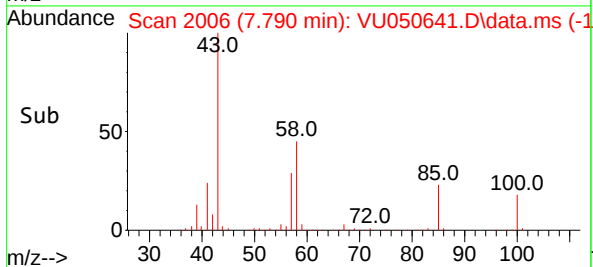
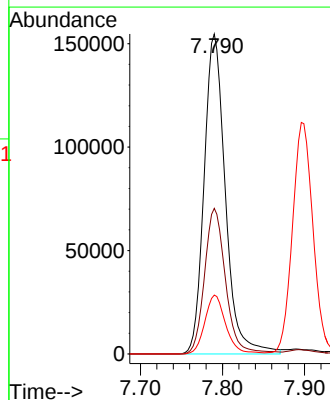
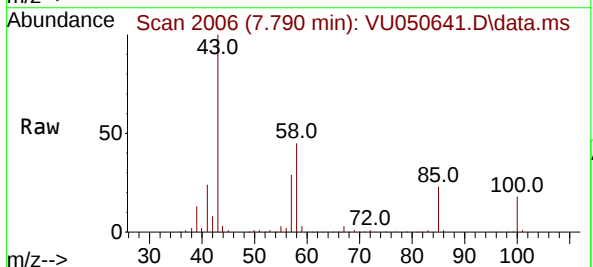
Tgt Ion: 43 Resp: 278796

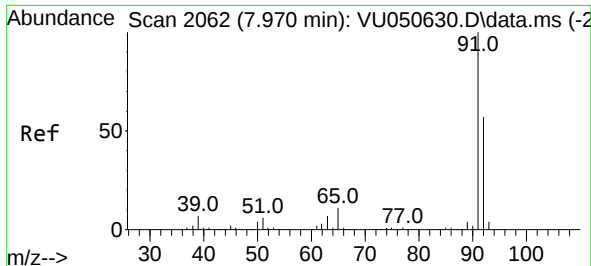
Ion Ratio Lower Upper

43 100

58 45.1 35.1 52.7

100 18.1 12.9 19.3





#42

Toluene

Concen: 49.615 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

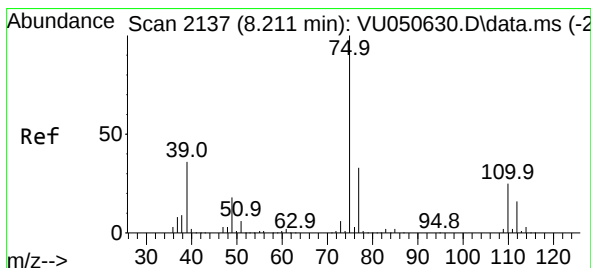
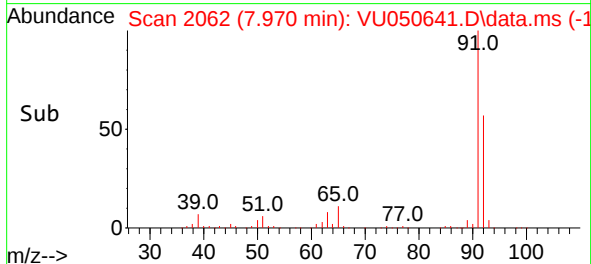
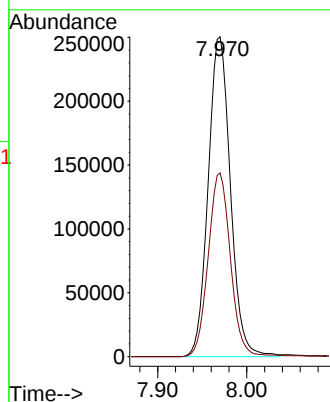
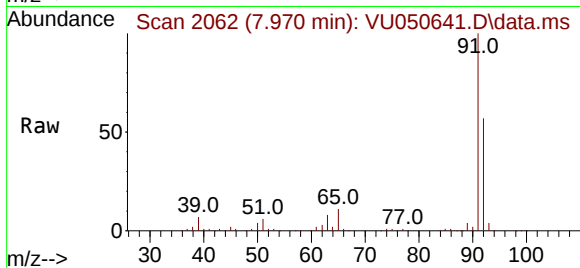
DBVF5MSD

Tgt Ion: 91 Resp: 434032

Ion Ratio Lower Upper

91 100

92 57.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 50.596 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050641.D

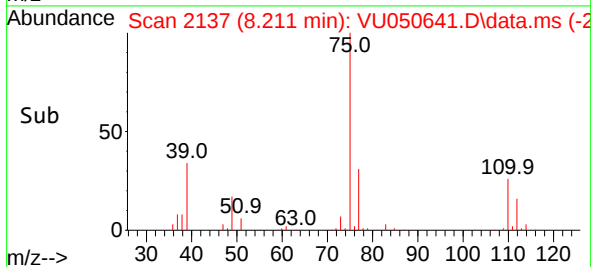
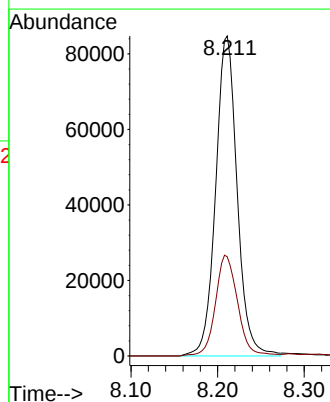
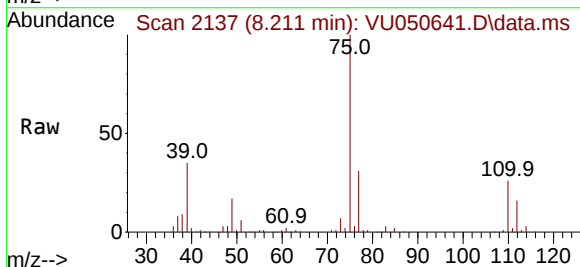
Acq: 06 Sep 2022 18:07

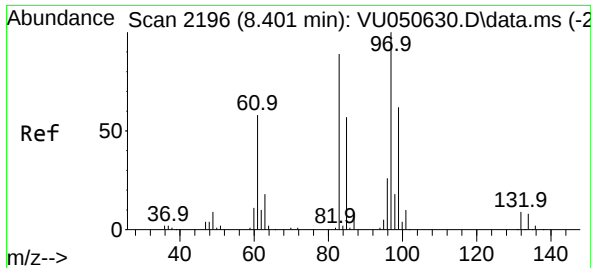
Tgt Ion: 75 Resp: 146170

Ion Ratio Lower Upper

75 100

77 31.0 22.1 41.1

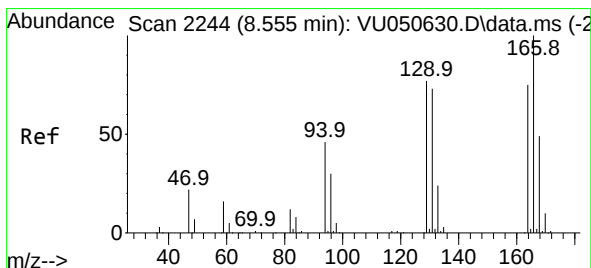
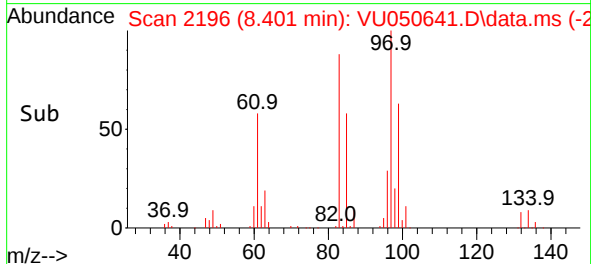
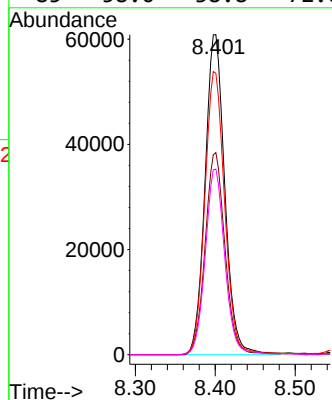
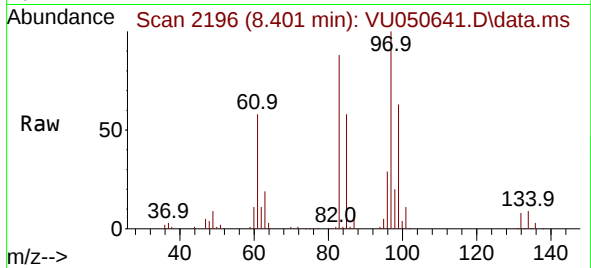




#45
1,1,2-Trichloroethane
Concen: 47.949 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

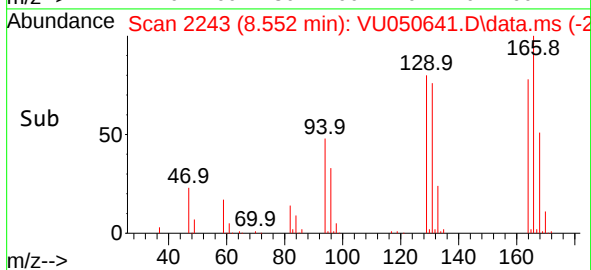
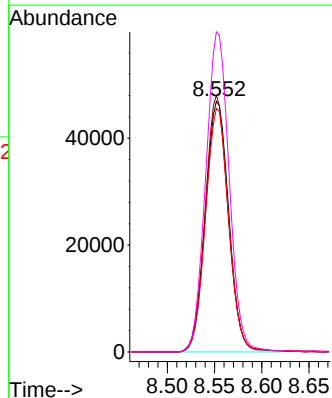
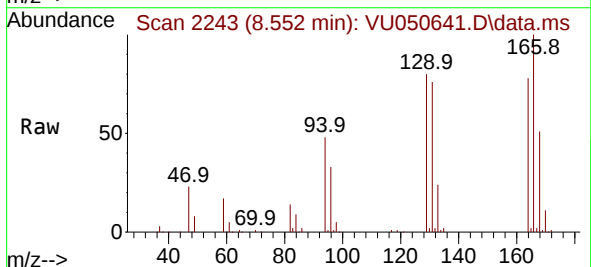
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

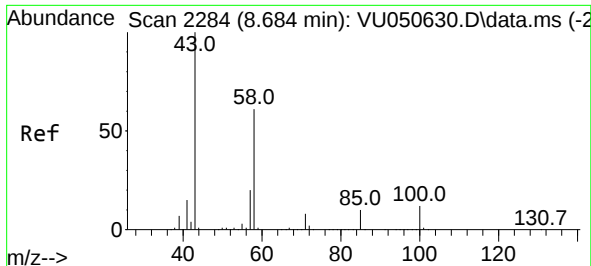
Tgt Ion:	97	Resp:	104780
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.5	80.9
83	88.0	61.6	114.4
85	58.0	38.8	72.0



#46
Tetrachloroethene
Concen: 55.115 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion:	164	Resp:	80779
Ion	Ratio	Lower	Upper
164	100		
129	102.4	68.7	127.5
131	97.2	66.2	123.0
166	127.7	87.7	162.9

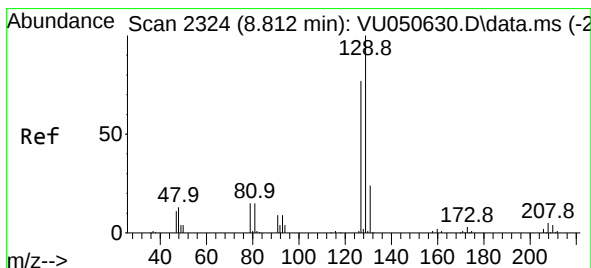
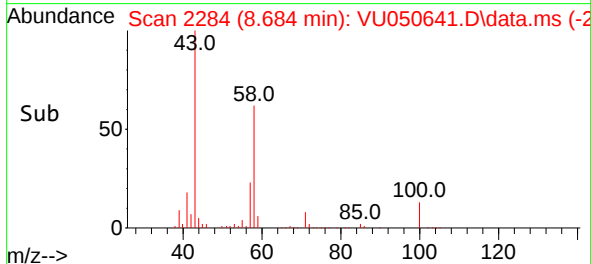
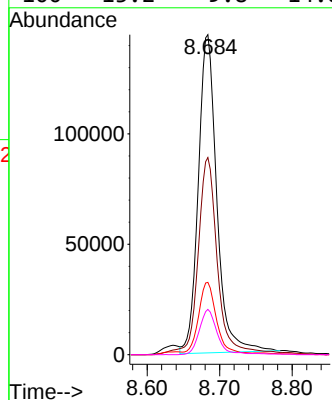
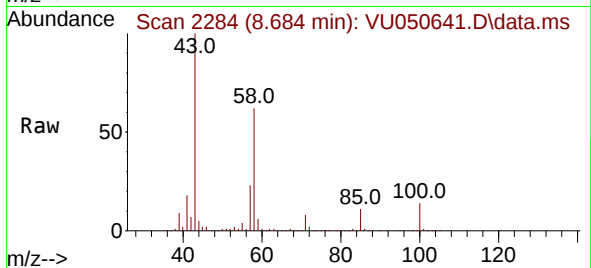




#48
2-Hexanone
Concen: 88.377 ug/L
RT: 8.684 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

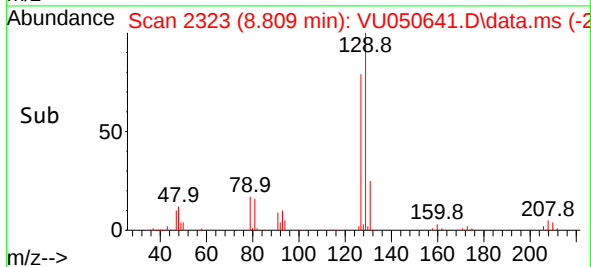
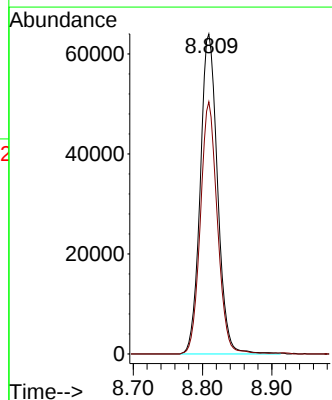
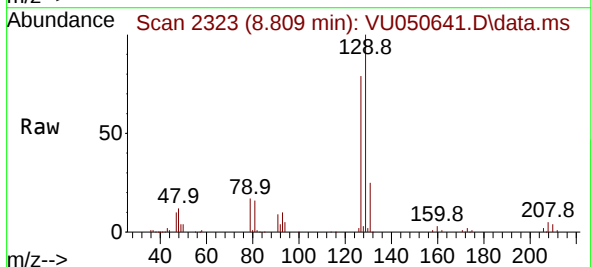
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

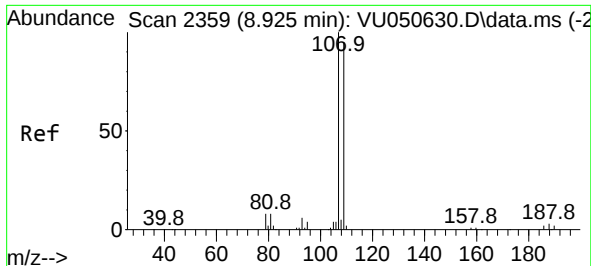
Tgt Ion: 43 Resp: 255678
Ion Ratio Lower Upper
43 100
58 64.7 51.8 77.6
57 21.3 17.0 25.4
100 13.2 9.8 14.8



#49
Dibromochloromethane
Concen: 53.212 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion: 129 Resp: 110908
Ion Ratio Lower Upper
129 100
127 78.8 53.8 100.0





#50

1,2-Dibromoethane

Concen: 50.854 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

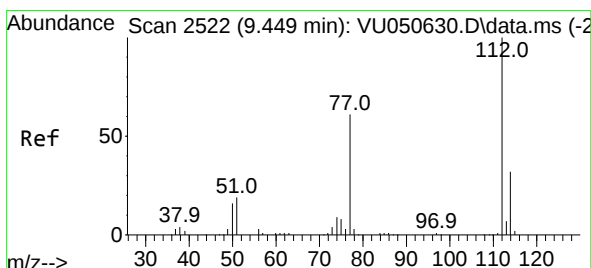
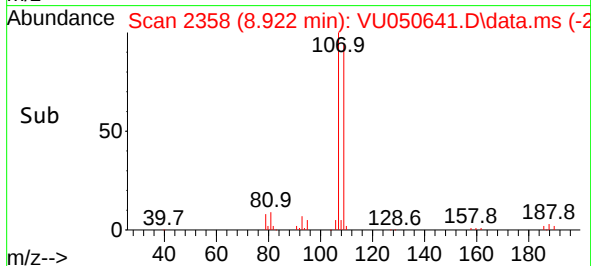
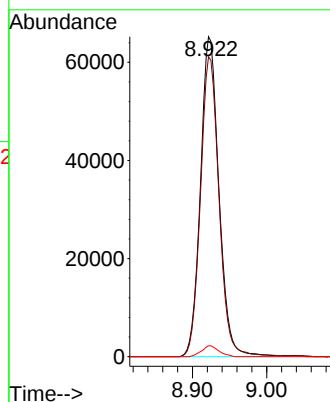
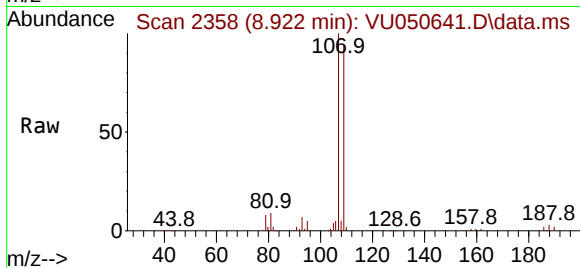
Tgt Ion:107 Resp: 113016

Ion Ratio Lower Upper

107 100

109 93.7 67.5 125.4

188 3.4 2.5 3.7



#51

Chlorobenzene

Concen: 49.534 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

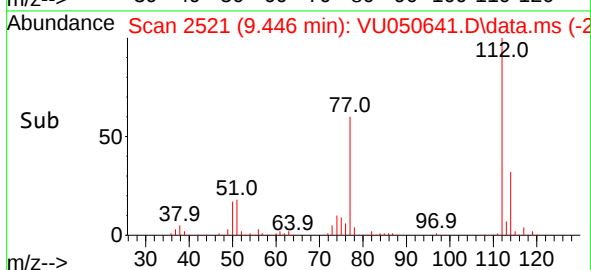
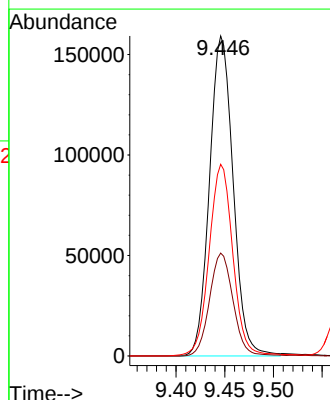
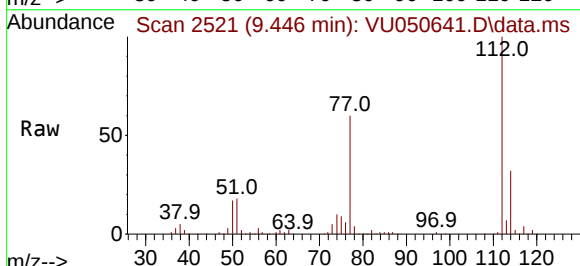
Tgt Ion:112 Resp: 268933

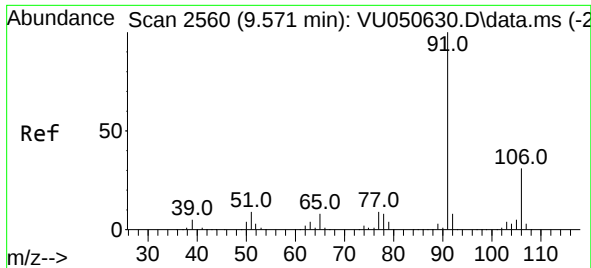
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 59.9 49.2 73.8

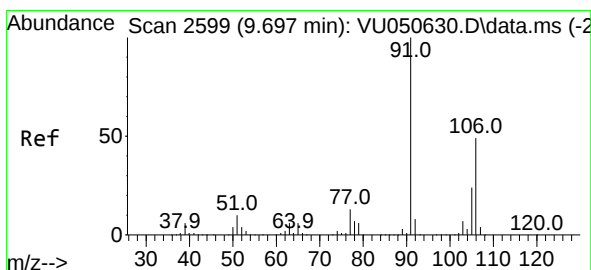
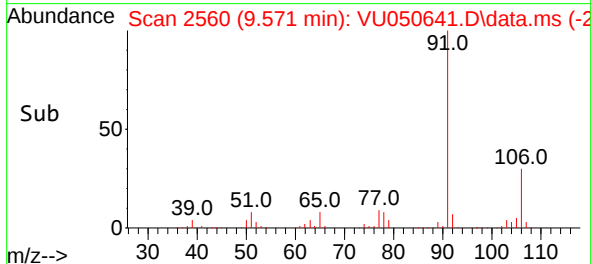
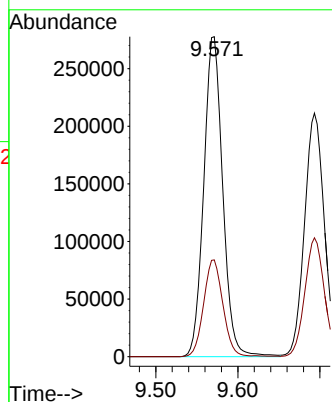
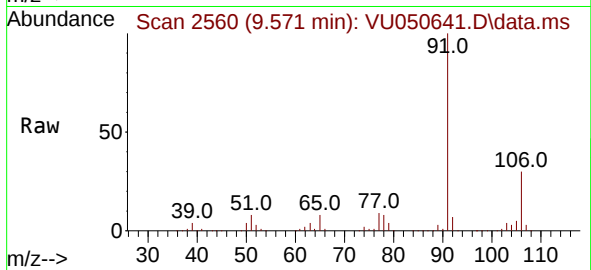




#52
Ethylbenzene
Concen: 51.637 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

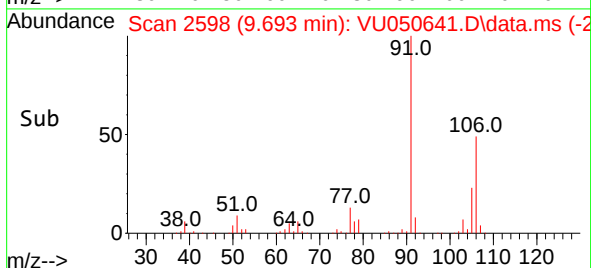
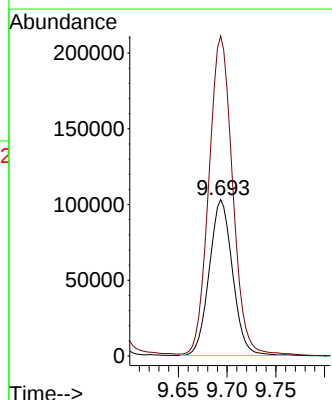
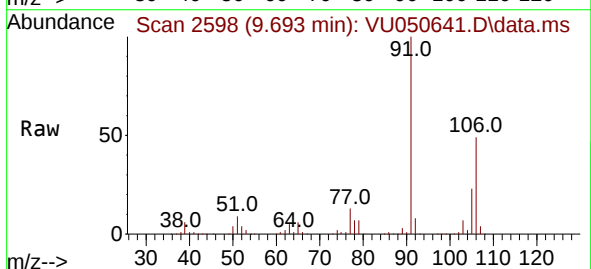
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

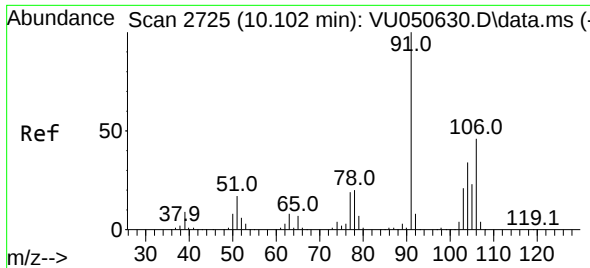
Tgt Ion: 91 Resp: 446245
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 51.543 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion: 106 Resp: 170652
Ion Ratio Lower Upper
106 100
91 204.7 147.1 273.3

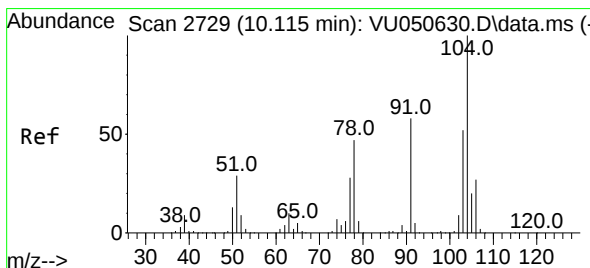
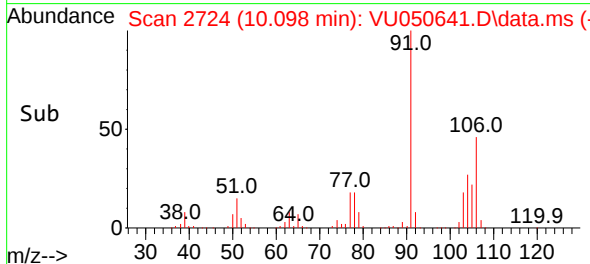
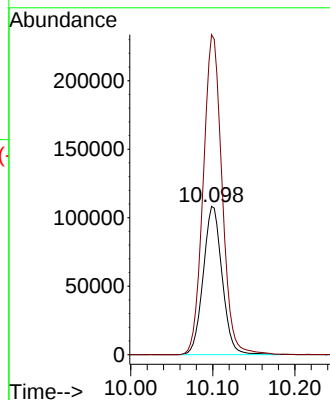
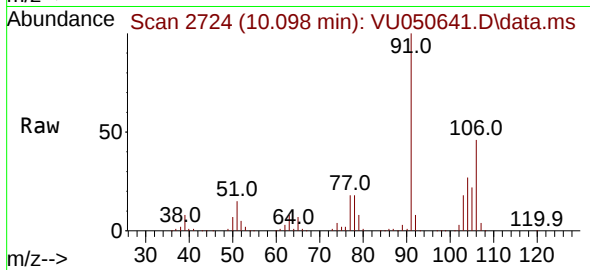




#54
o-Xylene
Concen: 52.777 ug/L
RT: 10.098 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

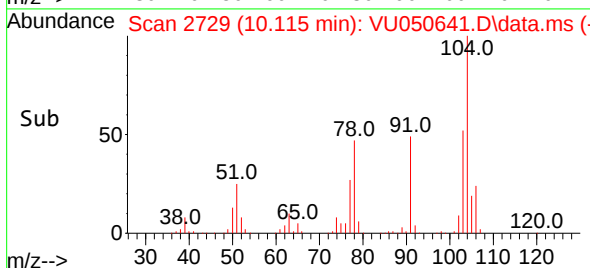
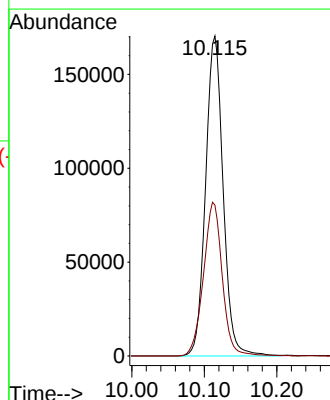
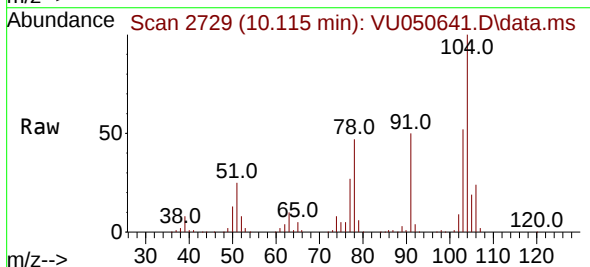
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

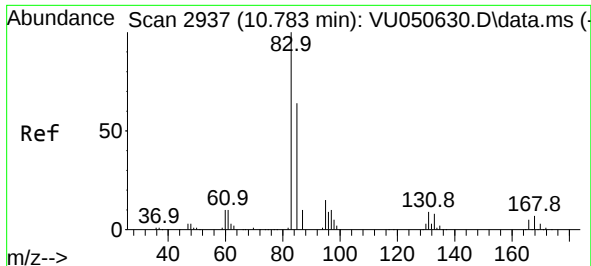
Tgt Ion:106 Resp: 173966
Ion Ratio Lower Upper
106 100
91 215.8 153.4 284.8



#55
Styrene
Concen: 52.917 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion:104 Resp: 286998
Ion Ratio Lower Upper
104 100
78 47.2 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 47.899 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.003 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

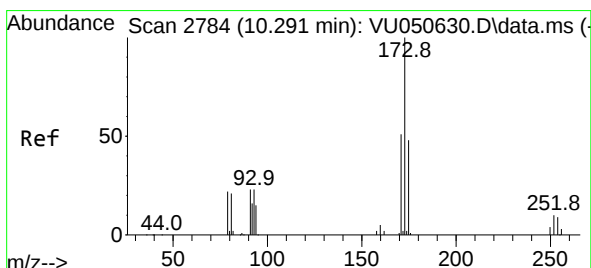
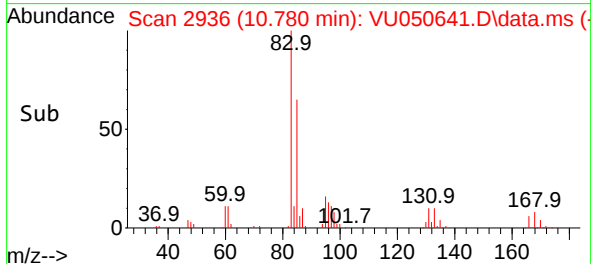
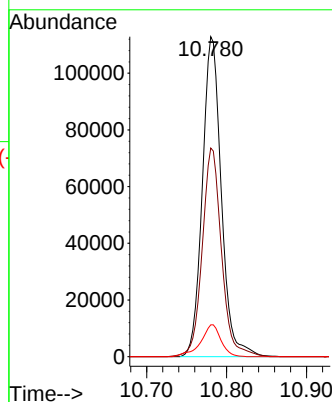
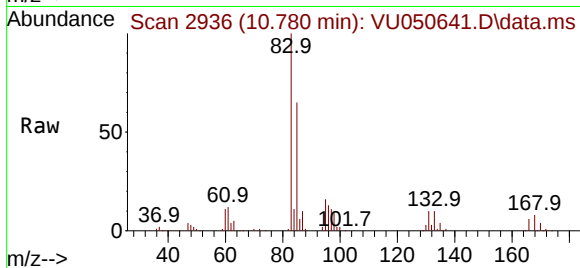
Tgt Ion: 83 Resp: 186444

Ion Ratio Lower Upper

83 100

85 65.2 45.5 84.5

131 9.9 7.7 11.5



#59

Bromoform

Concen: 48.539 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

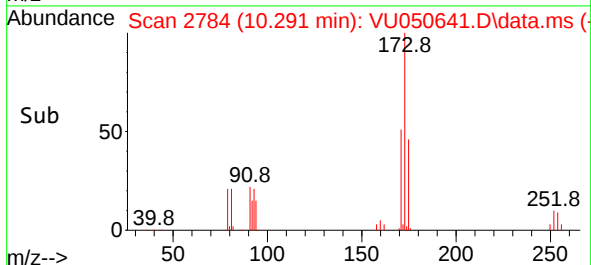
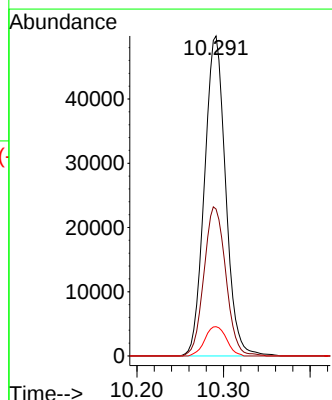
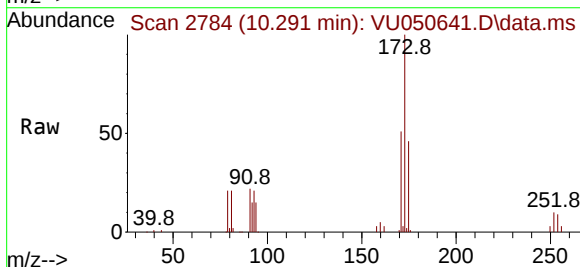
Tgt Ion:173 Resp: 84476

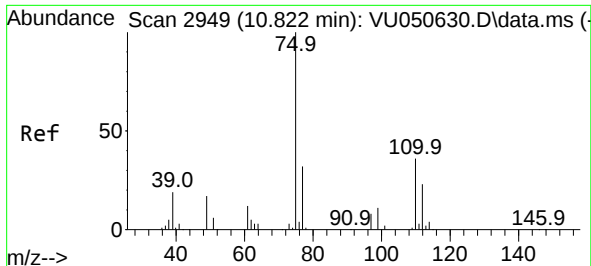
Ion Ratio Lower Upper

173 100

175 48.1 40.0 60.0

254 9.4 7.4 11.0

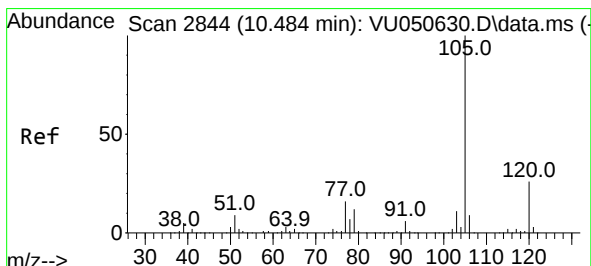
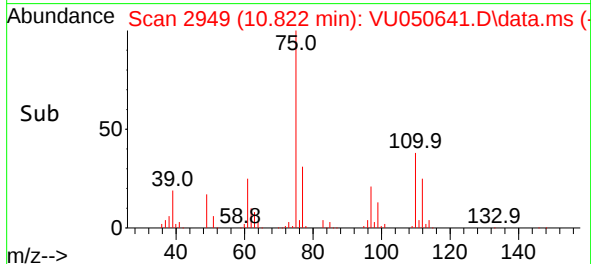
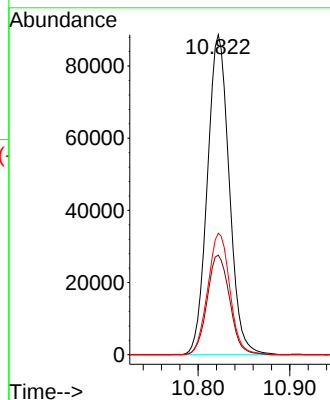
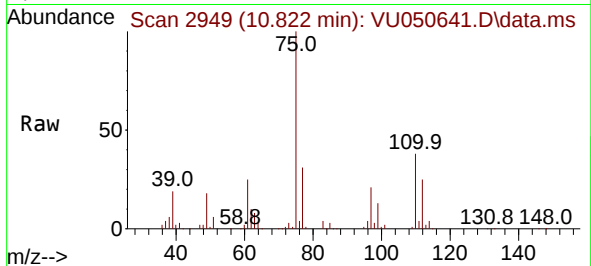




#60
1,2,3-Trichloropropane
Concen: 42.900 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

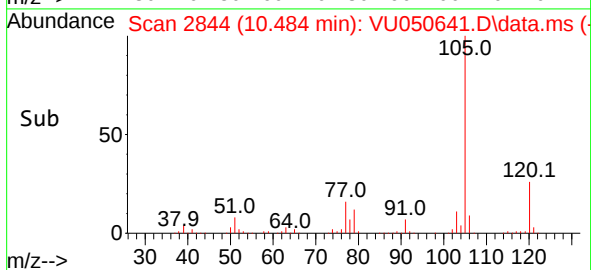
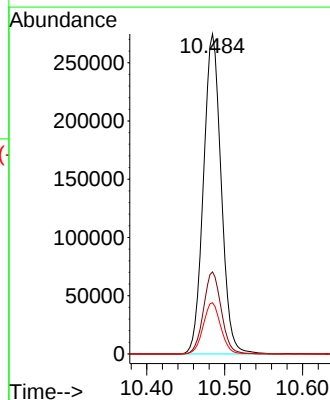
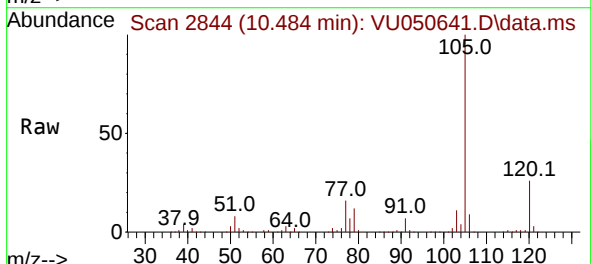
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

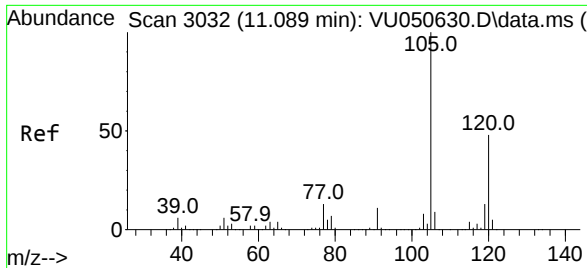
Tgt Ion: 75 Resp: 146827
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 38.5 29.3 43.9



#61
Isopropylbenzene
Concen: 46.897 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion: 105 Resp: 433016
Ion Ratio Lower Upper
105 100
120 25.8 20.4 30.6
77 15.9 12.8 19.2

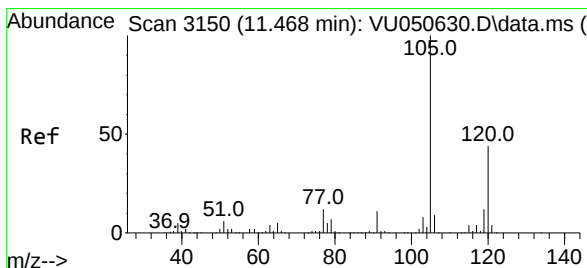
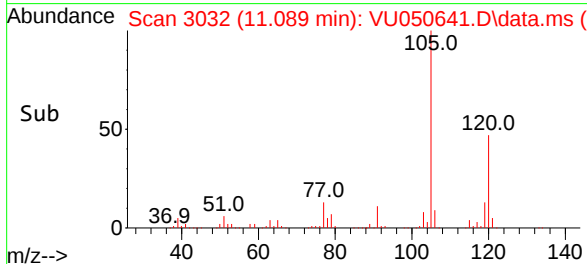
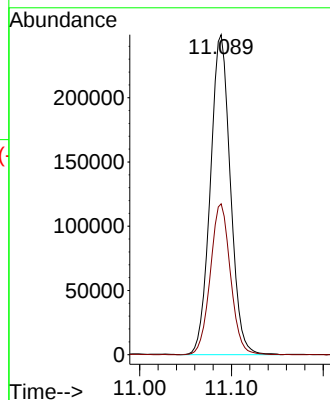
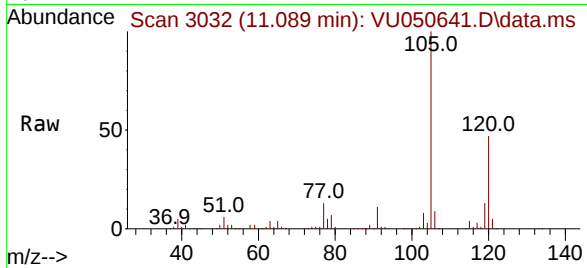




#62
 1,3,5-Trimethylbenzene
 Concen: 47.906 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050641.D
 Acq: 06 Sep 2022 18:07

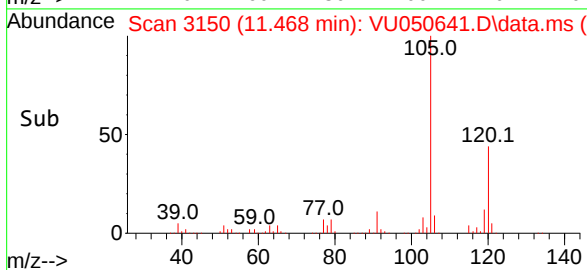
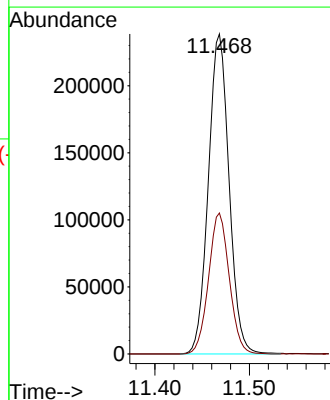
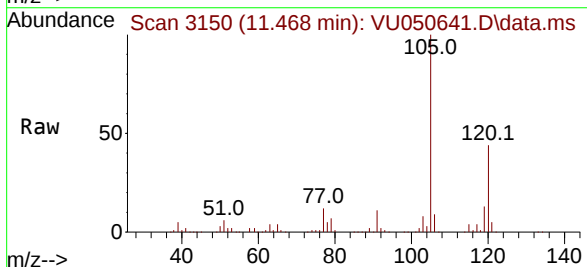
Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MSD

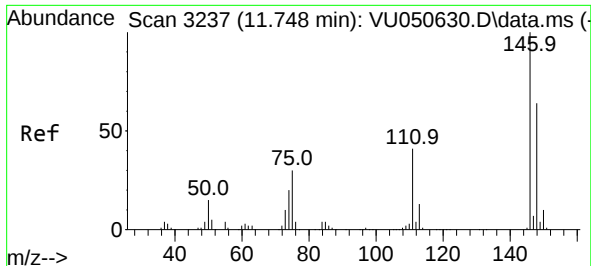
Tgt Ion:105 Resp: 378157
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 47.891 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050641.D
 Acq: 06 Sep 2022 18:07

Tgt Ion:105 Resp: 363015
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.3 52.9

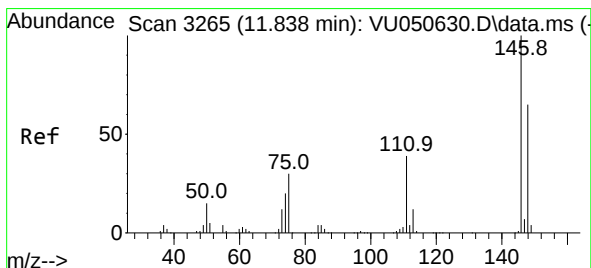
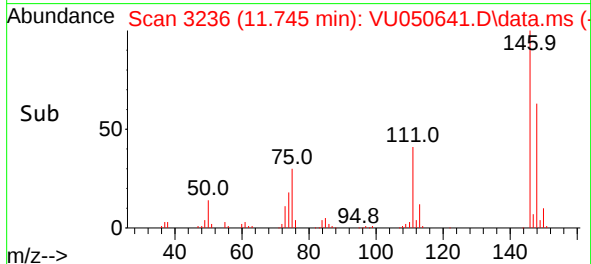
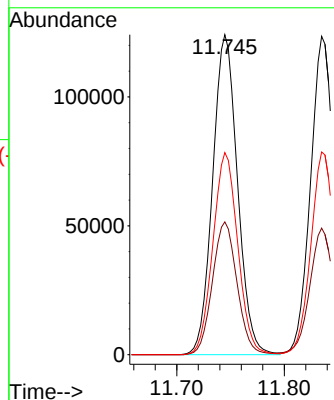
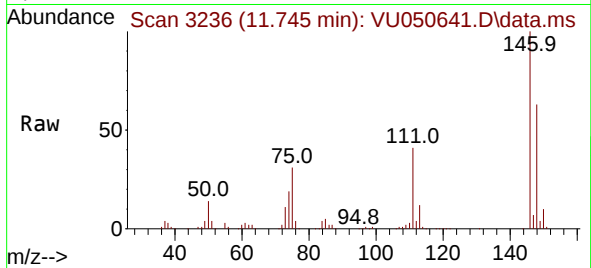




#64
1,3-Dichlorobenzene
Concen: 49.119 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

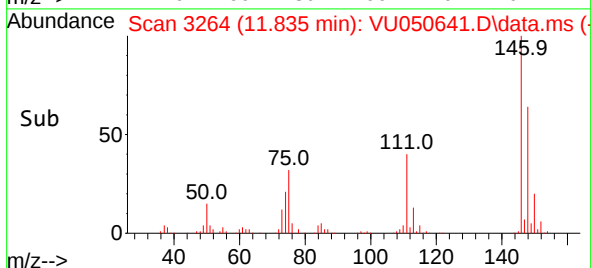
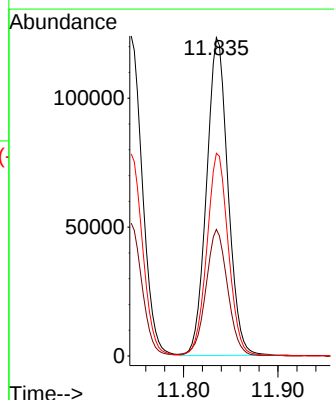
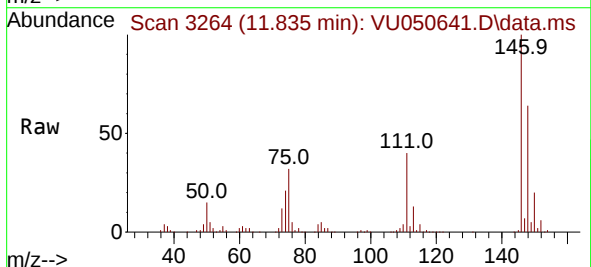
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

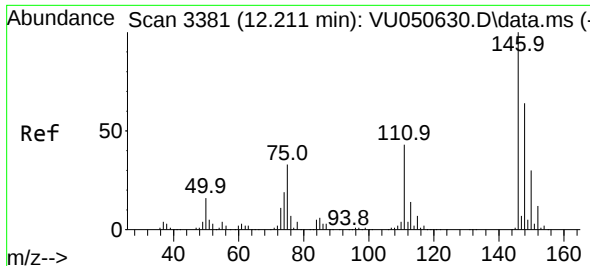
Tgt Ion:146 Resp: 199554
Ion Ratio Lower Upper
146 100
111 41.5 29.9 55.5
148 63.2 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 48.257 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion:146 Resp: 193790
Ion Ratio Lower Upper
146 100
111 39.7 27.9 51.7
148 63.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 47.295 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

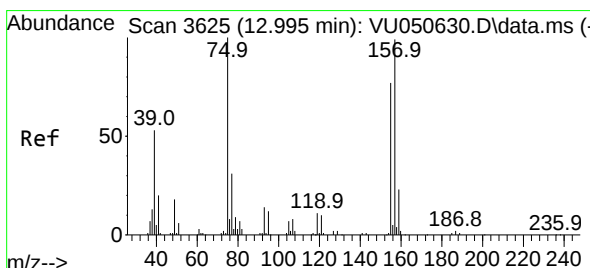
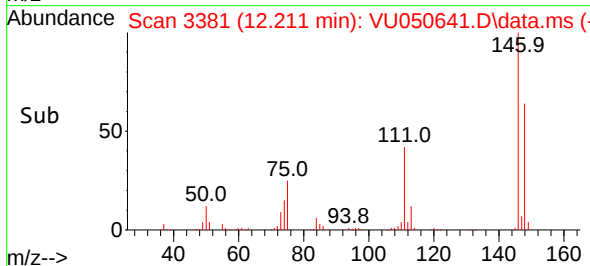
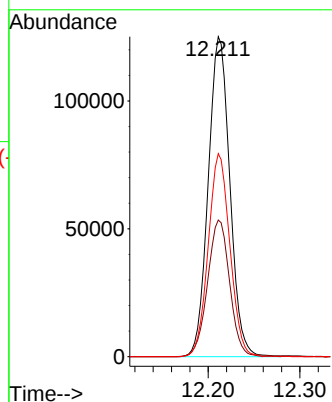
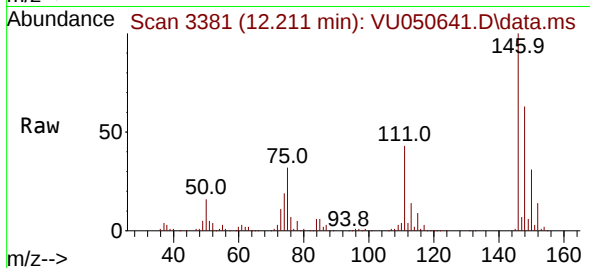
Tgt Ion:146 Resp: 204640

Ion Ratio Lower Upper

146 100

111 42.7 35.1 52.7

148 63.5 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 43.887 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050641.D

Acq: 06 Sep 2022 18:07

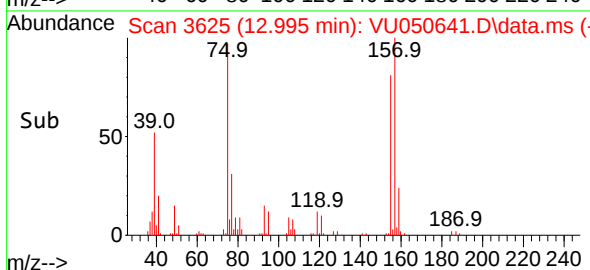
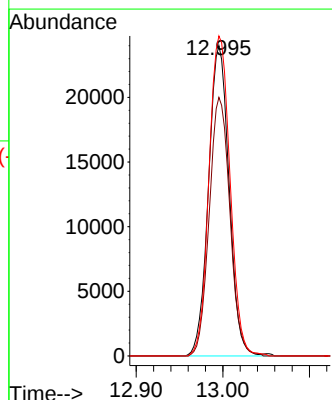
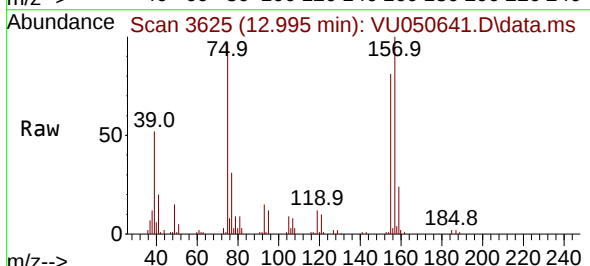
Tgt Ion: 75 Resp: 39666

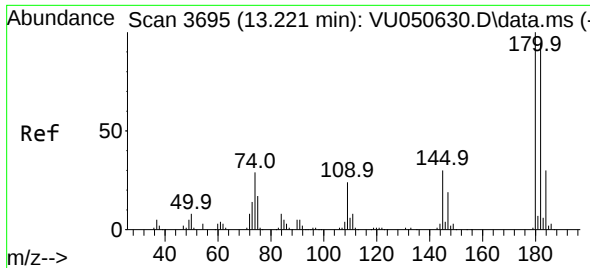
Ion Ratio Lower Upper

75 100

155 83.3 67.8 101.6

157 103.1 82.6 124.0

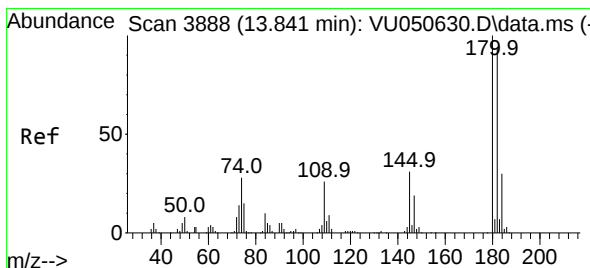
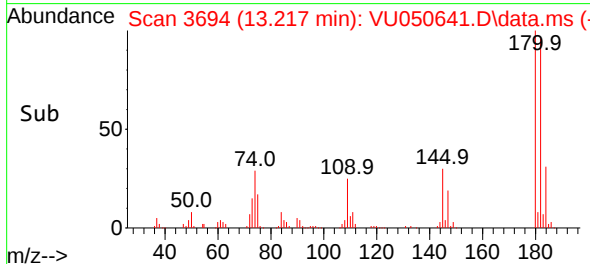
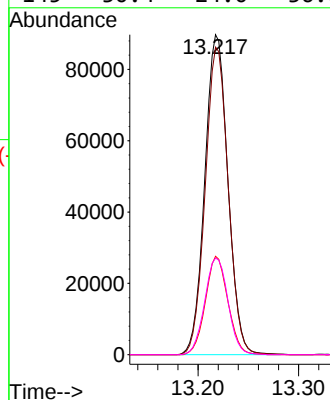
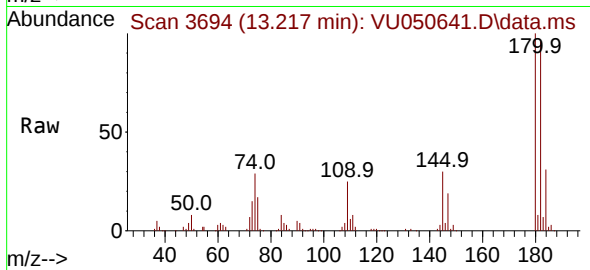




#69
 1,3,5-Trichlorobenzene
 Concen: 48.643 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU050641.D
 Acq: 06 Sep 2022 18:07

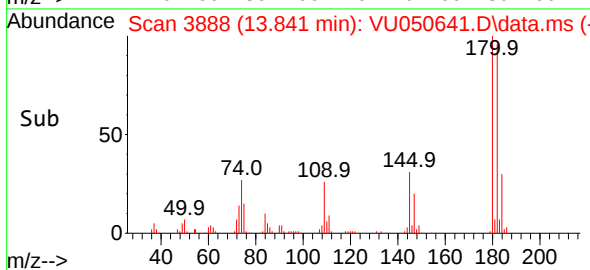
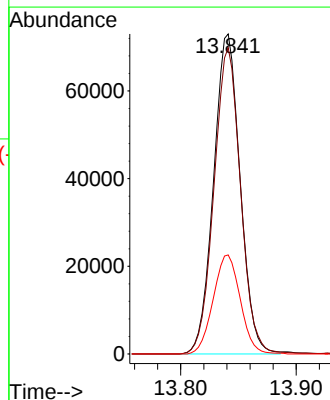
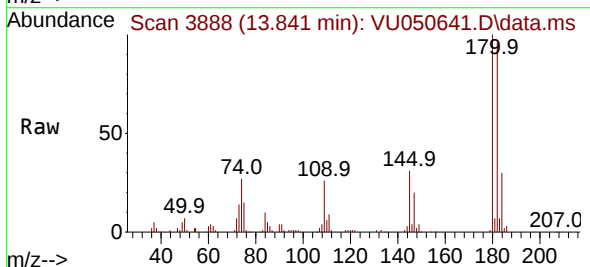
Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MSD

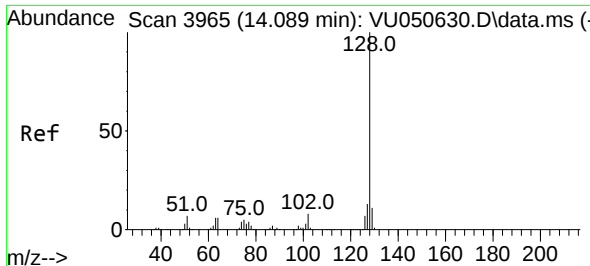
Tgt Ion:180 Resp: 143415
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.3 112.9
 184 29.9 23.8 35.8
 145 30.4 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 46.561 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050641.D
 Acq: 06 Sep 2022 18:07

Tgt Ion:180 Resp: 116567
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.2 114.2
 145 31.6 24.7 37.1

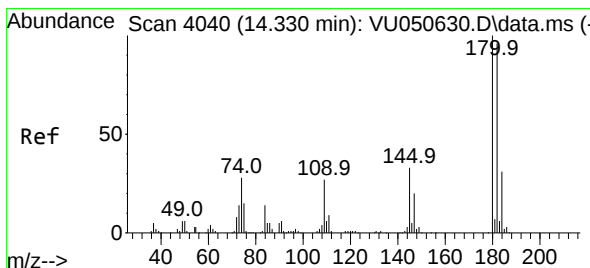
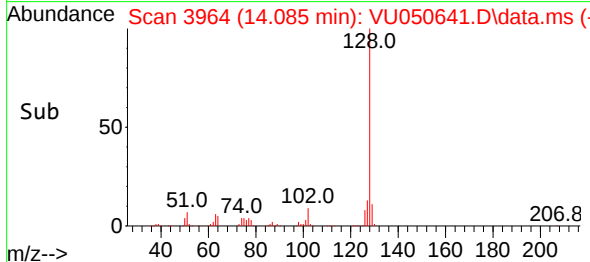
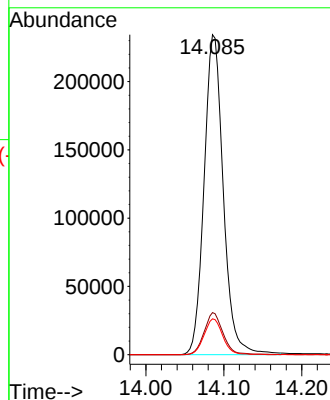
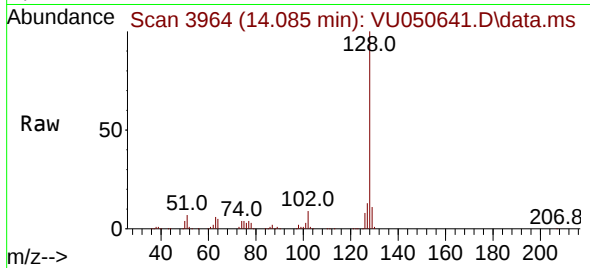




#71
Naphthalene
Concen: 45.203 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

Tgt Ion:128 Resp: 401231
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 47.082 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050641.D
Acq: 06 Sep 2022 18:07

Tgt Ion:180 Resp: 127644
Ion Ratio Lower Upper
180 100
182 96.0 76.1 114.1
145 33.7 26.4 39.6

