

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
 Data File : VU050627.D
 Acq On : 03 Sep 2022 21:05
 Operator : SY/MD
 Sample : N4481-07MSD 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MSD

Quant Time: Sep 05 01:10:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	930575	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	856831	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	404834	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	417985	52.515	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.040%
7) Chloroethane-d5	1.893	69	221106	41.080	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.160%
11) 1,1-Dichloroethene-d2	2.559	63	514537	36.582	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.160%
21) 2-Butanone-d5	4.626	46	643611	110.524	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.520%
24) Chloroform-d	5.060	84	692080	45.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.760%
26) 1,2-Dichloroethane-d4	5.700	65	438958	47.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
32) Benzene-d6	5.726	84	1380489	48.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.500%
36) 1,2-Dichloropropane-d6	6.687	67	462931	49.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.600%
41) Toluene-d8	7.896	98	1185984	48.979	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.960%
43) trans-1,3-Dichloroprop...	8.179	79	185368	48.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.380%
47) 2-Hexanone-d5	8.636	63	345180	147.612	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	147.610%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	713348	50.706	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.420%
66) 1,2-Dichlorobenzene-d4	12.192	152	438802	46.302	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	185785	20.785	ug/L	99
3) Chloromethane	1.517	50	210554	21.801	ug/L	98
5) Vinyl chloride	1.600	62	196867	21.636	ug/L	98
6) Bromomethane	1.845	94	76195	16.604	ug/L	99
8) Chloroethane	1.916	64	85241	17.638	ug/L	96
9) Trichlorofluoromethane	2.125	101	193324	17.438	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	120122	16.518	ug/L	99
12) 1,1-Dichloroethene	2.571	96	126387	17.886	ug/L #	56
13) Acetone	2.633	43	149979	34.142	ug/L	98
14) Carbon disulfide	2.784	76	348578	16.636	ug/L	100
15) Methyl Acetate	2.948	43	162542	17.496	ug/L	100
16) Methylene chloride	3.041	84	155797	16.800	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	132043	17.622	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	418870	18.030	ug/L	99
19) 1,1-Dichloroethane	3.864	63	250247	17.310	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	149027	17.627	ug/L	96
22) 2-Butanone	4.706	43	239174	34.812	ug/L	95
23) Bromochloromethane	4.973	128	74277	17.002	ug/L	98
25) Chloroform	5.086	83	255958	17.379	ug/L	99

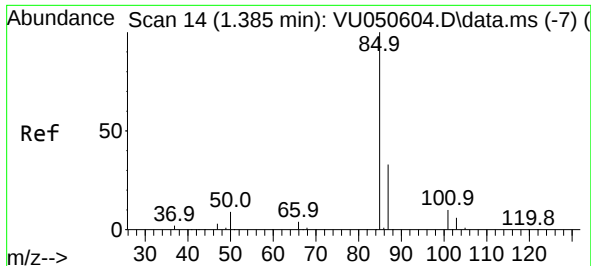
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	188628	17.279	ug/L	99
29) Cyclohexane	5.385	56	205952	17.948	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	209990	18.196	ug/L	99
31) Carbon tetrachloride	5.520	117	172050	18.196	ug/L	100
33) Benzene	5.771	78	587343	18.836	ug/L	100
34) Trichloroethene	6.539	95	136190	18.744	ug/L	97
35) Methylcyclohexane	6.761	83	207085	17.928	ug/L	98
37) 1,2-Dichloropropane	6.790	63	153670	18.657	ug/L	100
38) Bromodichloromethane	7.105	83	180675	18.647	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	207587	18.619	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	427433	38.081	ug/L	99
42) Toluene	7.967	91	584329	18.448	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	198571	18.983	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	143105	18.086	ug/L	98
46) Tetrachloroethene	8.552	164	100300	18.900	ug/L	98
48) 2-Hexanone	8.687	43	428078	40.866	ug/L	98
49) Dibromochloromethane	8.809	129	138949	18.412	ug/L	98
50) 1,2-Dibromoethane	8.922	107	150279	18.676	ug/L	97
51) Chlorobenzene	9.446	112	358812	18.252	ug/L	99
52) Ethylbenzene	9.568	91	593259	18.959	ug/L	100
53) m,p-Xylene	9.693	106	228195	19.035	ug/L	96
54) o-Xylene	10.099	106	226767	19.000	ug/L	98
55) Styrene	10.115	104	385896	19.651	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	262822	18.648	ug/L	99
59) Bromoform	10.291	173	100388	16.620	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	199844	16.824	ug/L	99
61) Isopropylbenzene	10.484	105	565320	17.642	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	484748	17.694	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	475354	18.069	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	253921	18.009	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	252607	18.125	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	271626	18.088	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	53735	17.131	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	181809	17.768	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	160072	18.423	ug/L	100
71) Naphthalene	14.086	128	580761	18.853	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	175197	18.620	ug/L	99

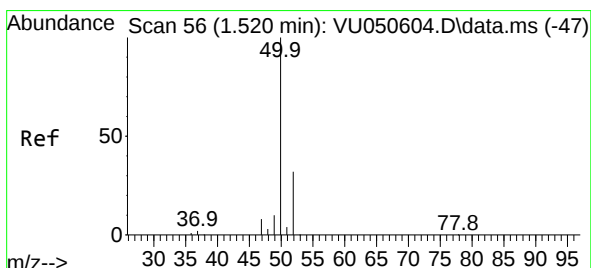
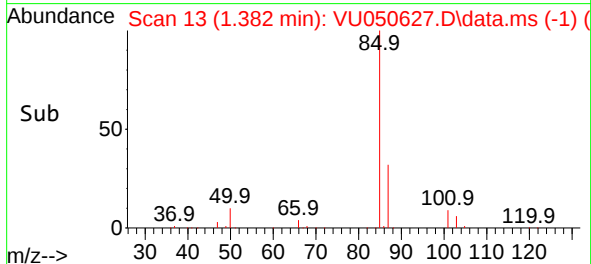
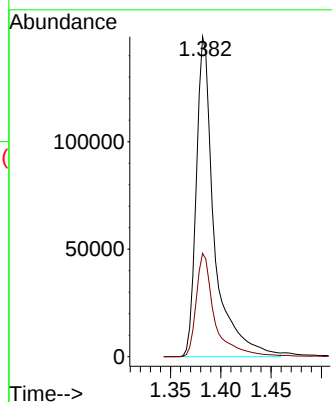
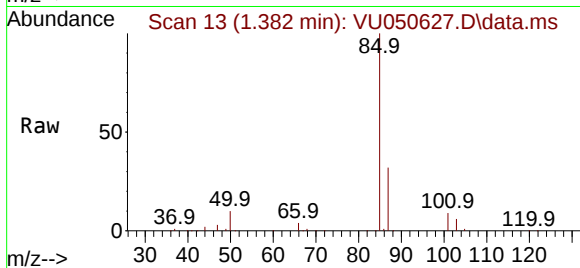
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 20.785 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU050627.D
 Acq: 03 Sep 2022 21:05

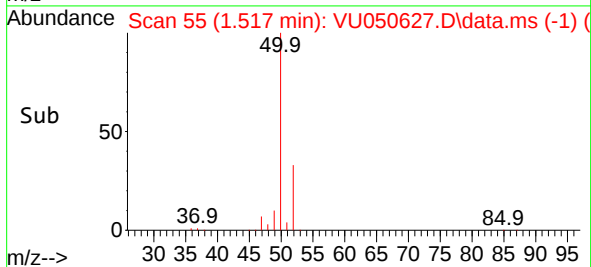
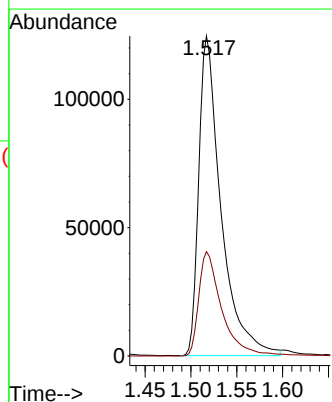
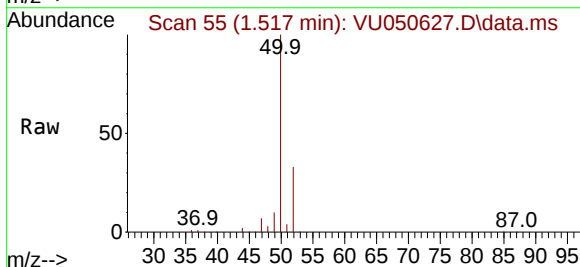
Instrument :
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 ClientSampleId :
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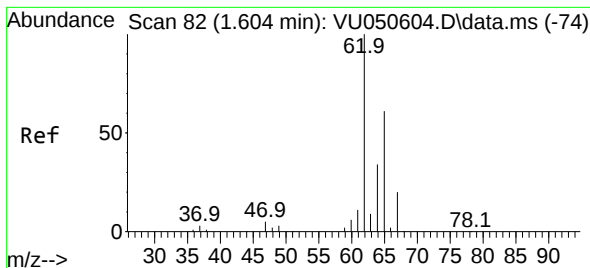
Tgt Ion: 85 Resp: 185785
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.8 38.8



#3
 Chloromethane
 Concen: 21.801 ug/L
 RT: 1.517 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VU050627.D
 Acq: 03 Sep 2022 21:05

Tgt Ion: 50 Resp: 210554
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 43.9





#5

Vinyl chloride

Concen: 21.636 ug/L

RT: 1.600 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

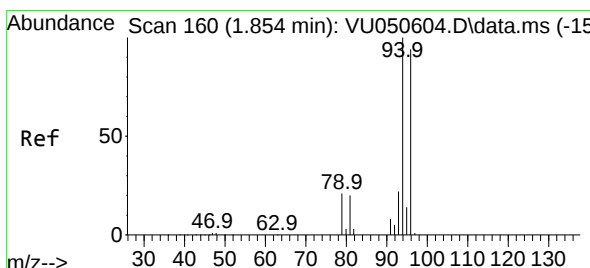
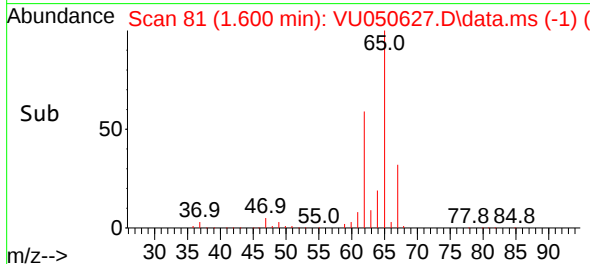
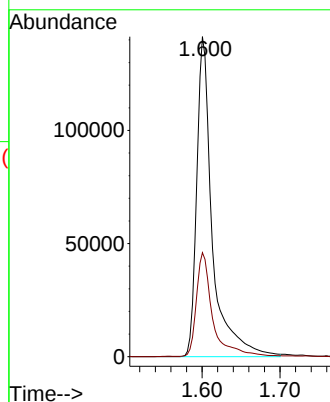
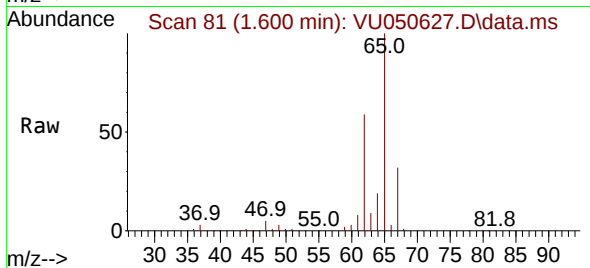
DBVF5MSD

Tgt Ion: 62 Resp: 196867

Ion Ratio Lower Upper

62 100

64 32.5 23.5 43.7



#6

Bromomethane

Concen: 16.604 ug/L

RT: 1.845 min Scan# 157

Delta R.T. -0.010 min

Lab File: VU050627.D

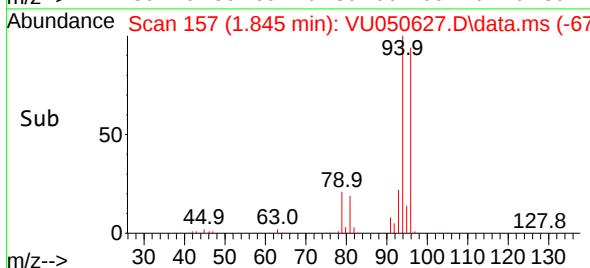
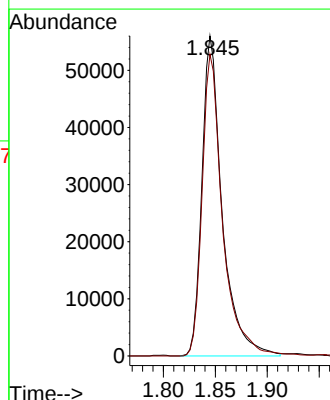
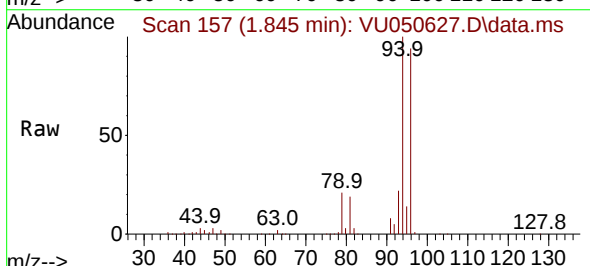
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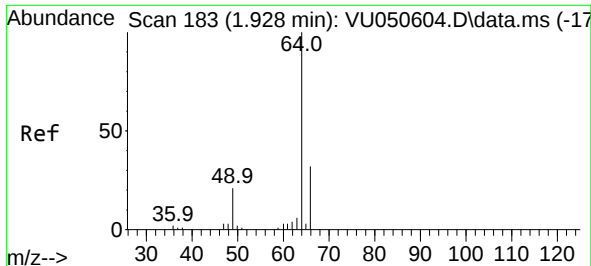
Tgt Ion: 94 Resp: 76195

Ion Ratio Lower Upper

94 100

96 94.3 65.6 121.8

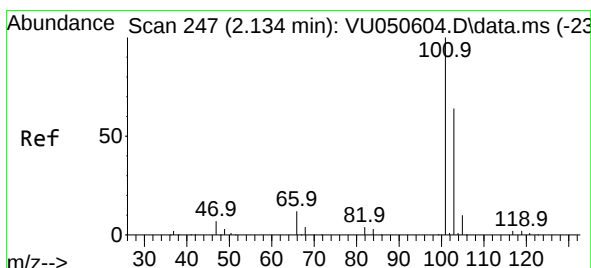
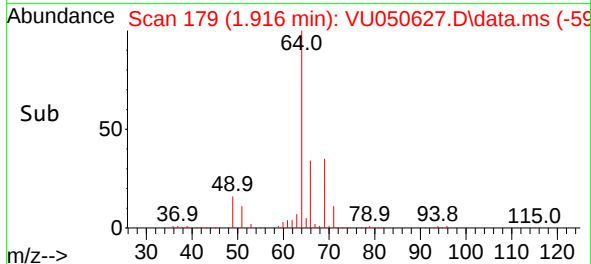
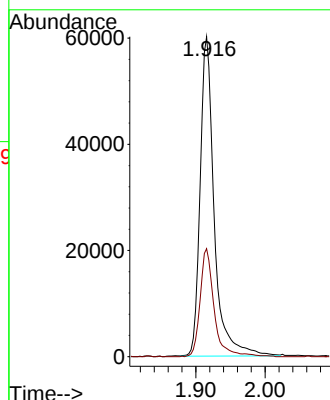
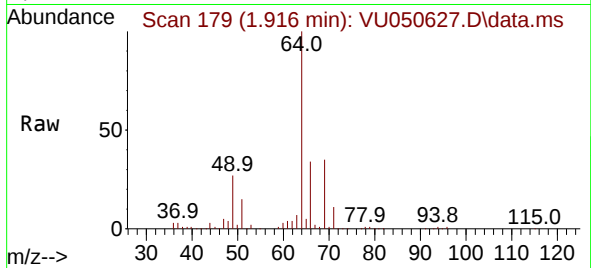




#8
Chloroethane
Concen: 17.638 ug/L
RT: 1.916 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

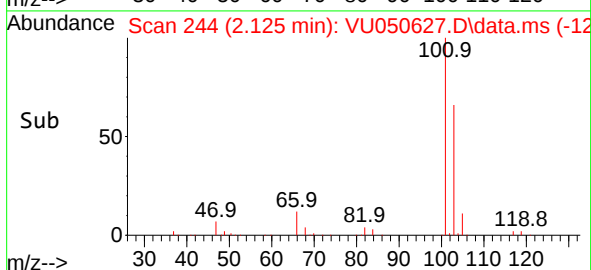
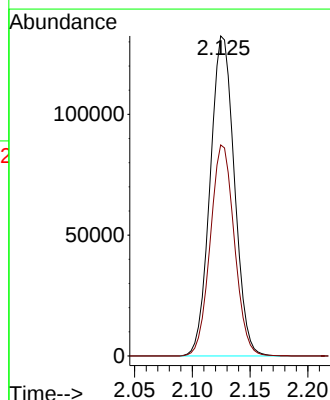
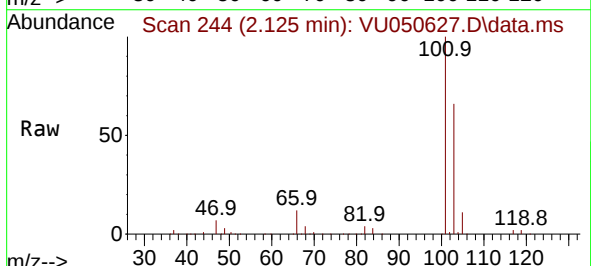
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

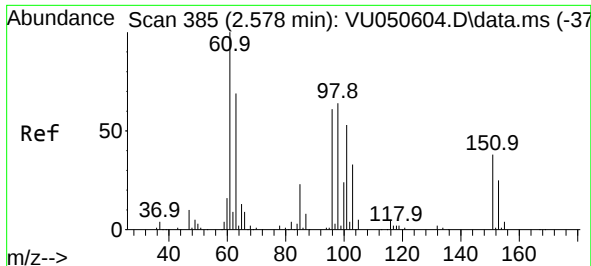
Tgt Ion: 64 Resp: 85241
Ion Ratio Lower Upper
64 100
66 33.7 21.9 40.7



#9
Trichlorofluoromethane
Concen: 17.438 ug/L
RT: 2.125 min Scan# 244
Delta R.T. -0.010 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

Tgt Ion:101 Resp: 193324
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0





#10

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

Concen: 16.518 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.006 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

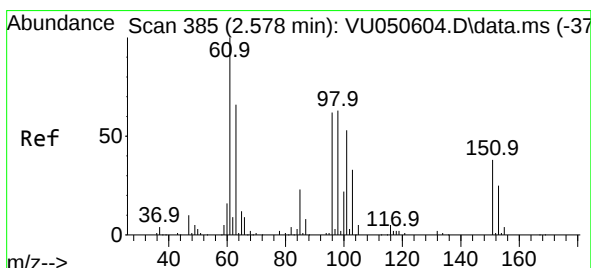
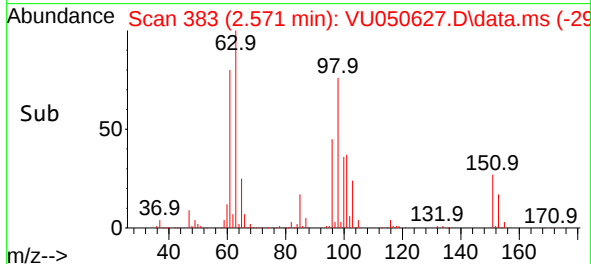
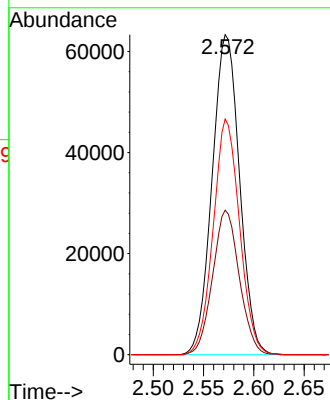
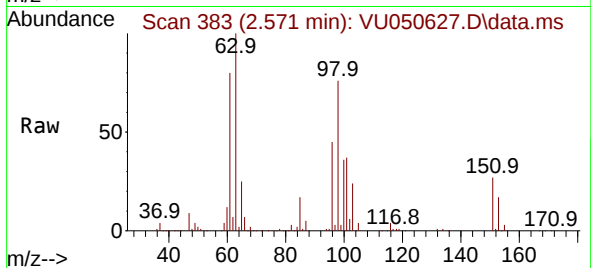
Tgt Ion:101 Resp: 120122

Ion Ratio Lower Upper

101 100

85 43.9 34.4 51.6

151 70.8 57.7 86.5



#12

1,1-Dichloroethene

Concen: 17.886 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.006 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

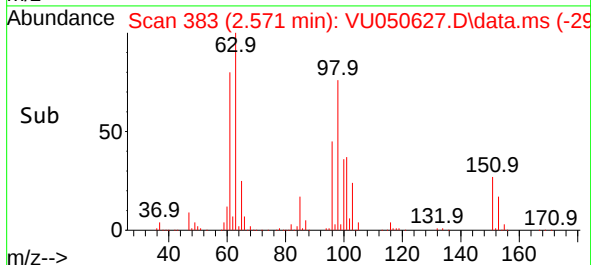
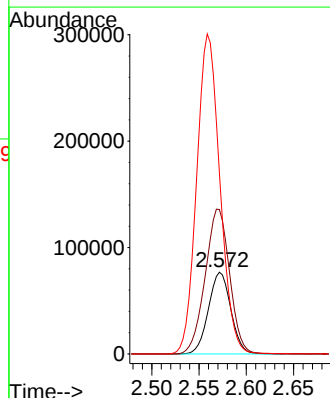
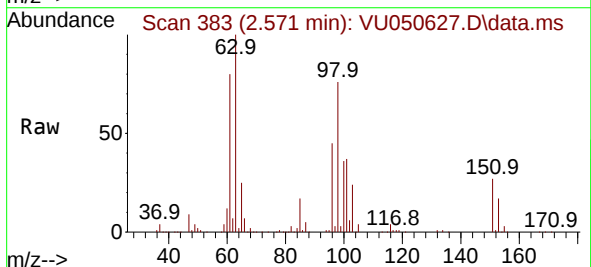
Tgt Ion: 96 Resp: 126387

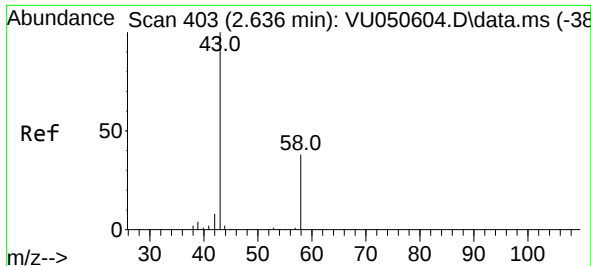
Ion Ratio Lower Upper

96 100

61 176.5 118.0 219.1

63 221.3 79.5 147.7#





#13

Acetone

Concen: 34.142 ug/L

RT: 2.633 min Scan# 40

Delta R.T. -0.003 min

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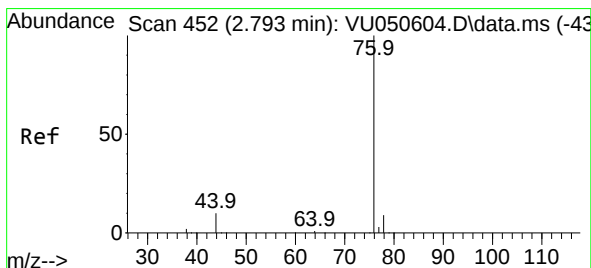
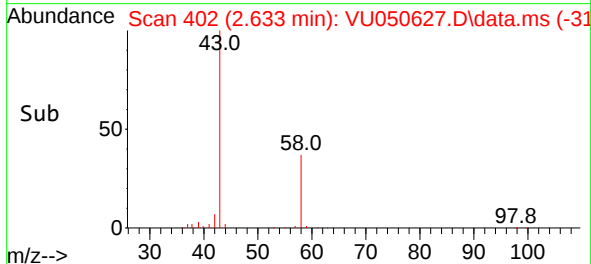
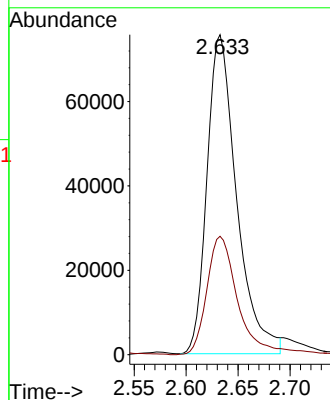
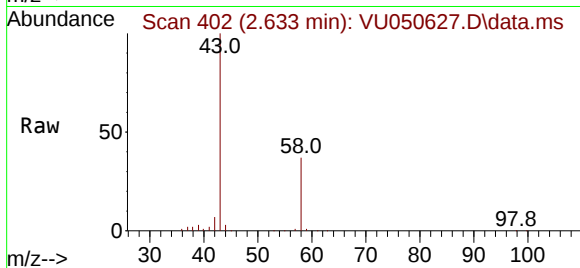
DBVF5MSD

Tgt Ion: 43 Resp: 149979

Ion Ratio Lower Upper

43 100

58 39.5 0.0 76.2



#14

Carbon disulfide

Concen: 16.636 ug/L

RT: 2.784 min Scan# 449

Delta R.T. -0.010 min

Lab File: VU050627.D

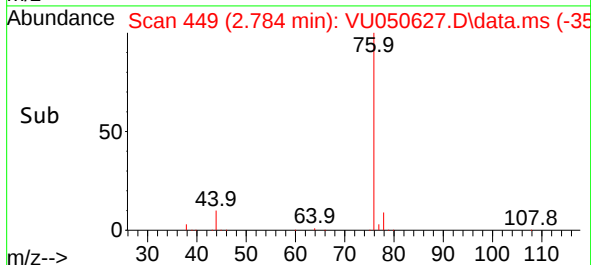
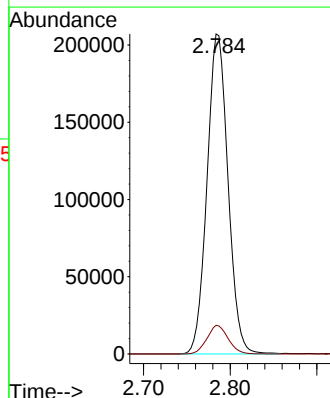
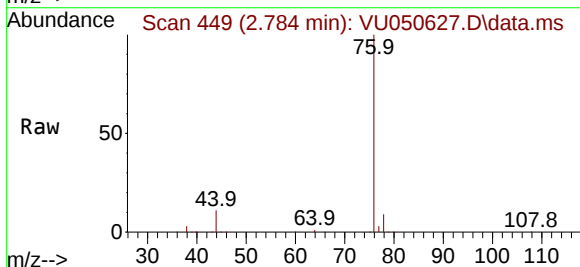
Acq: 03 Sep 2022 21:05

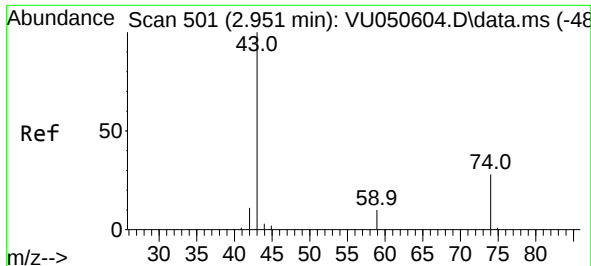
Tgt Ion: 76 Resp: 348578

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

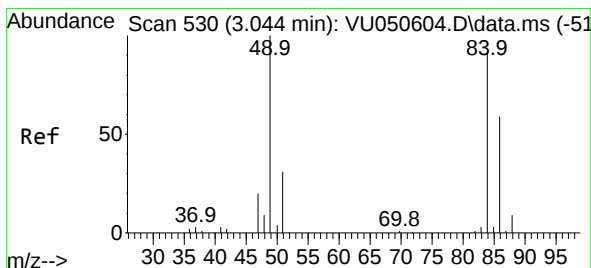
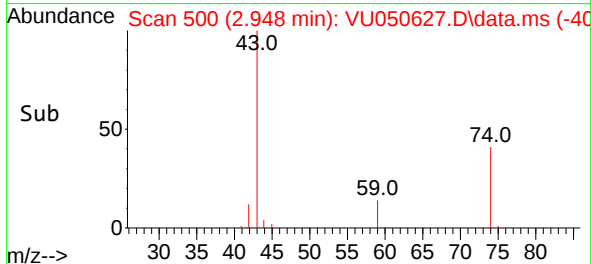
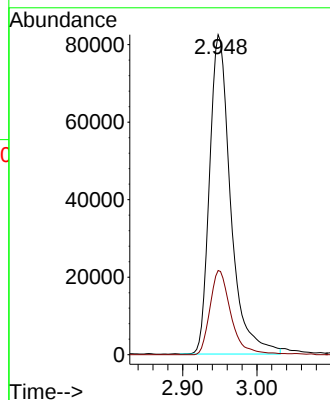
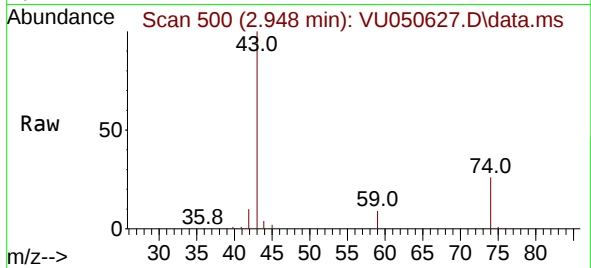




#15
Methyl Acetate
Concen: 17.496 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

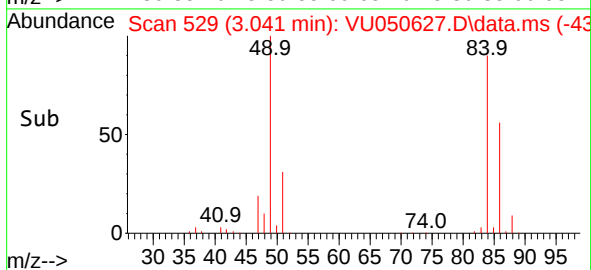
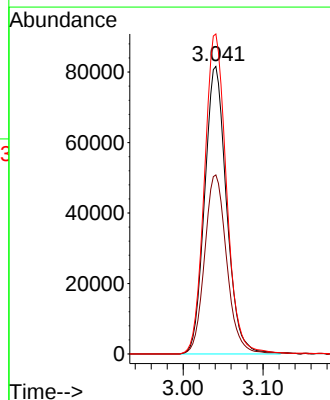
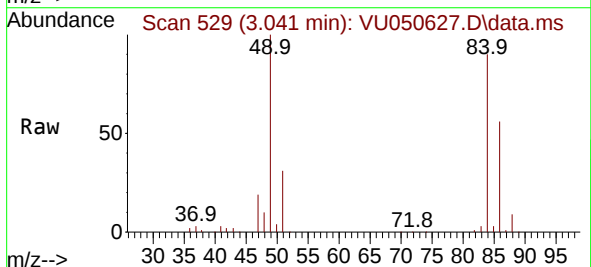
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

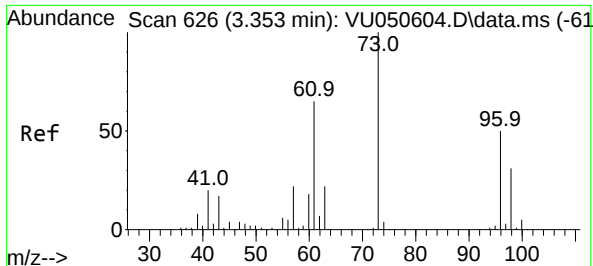
Tgt Ion: 43 Resp: 162542
Ion Ratio Lower Upper
43 100
74 26.3 21.2 31.8



#16
Methylene chloride
Concen: 16.800 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

Tgt Ion: 84 Resp: 155797
Ion Ratio Lower Upper
84 100
86 62.3 44.8 83.2
49 111.3 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 17.622 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

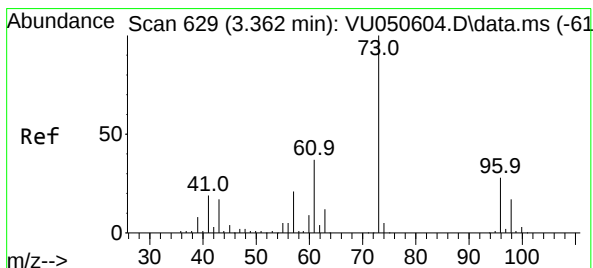
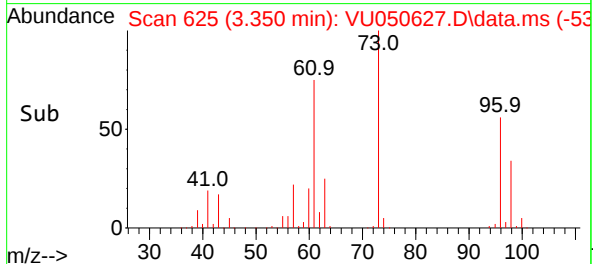
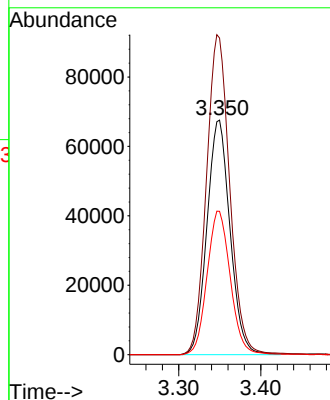
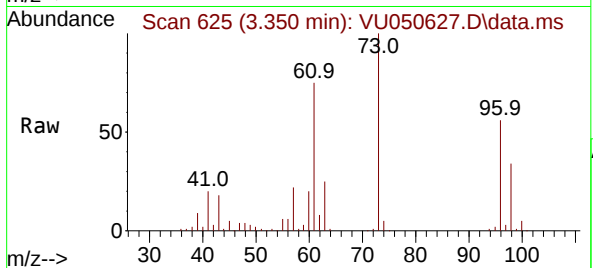
Tgt Ion: 96 Resp: 132043

Ion Ratio Lower Upper

96 100

61 135.0 97.9 181.7

98 61.1 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 18.030 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

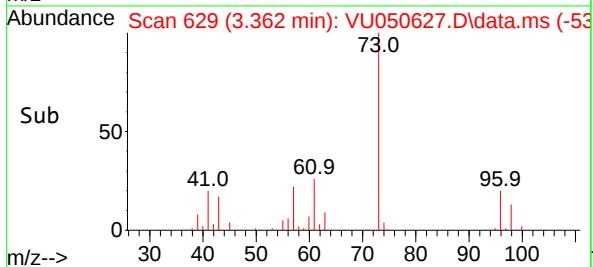
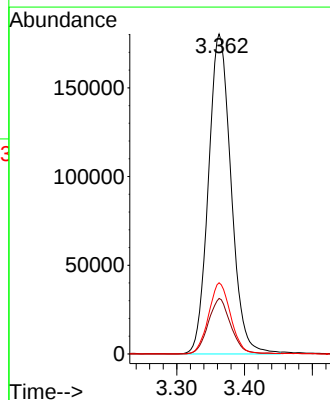
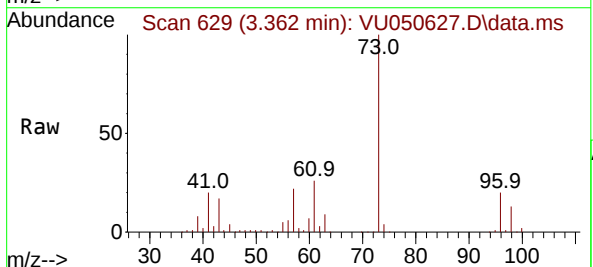
Tgt Ion: 73 Resp: 418870

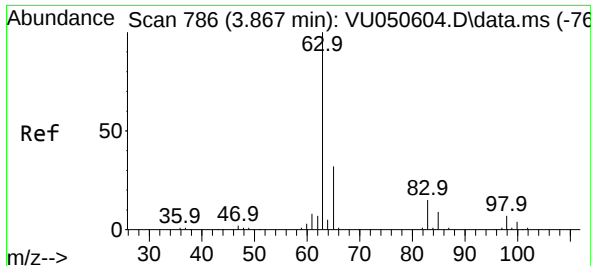
Ion Ratio Lower Upper

73 100

43 17.0 13.4 20.2

57 21.7 17.8 26.8





#19

1,1-Dichloroethane

Concen: 17.310 ug/L

RT: 3.864 min Scan# 7

Delta R.T. -0.003 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

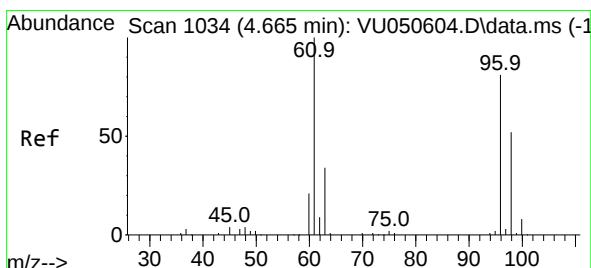
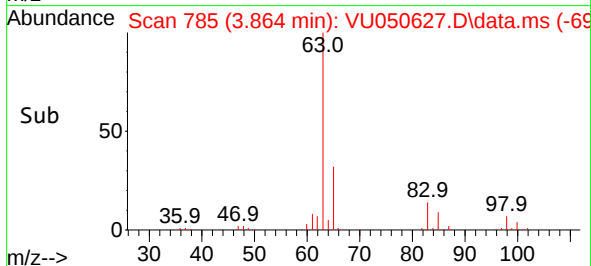
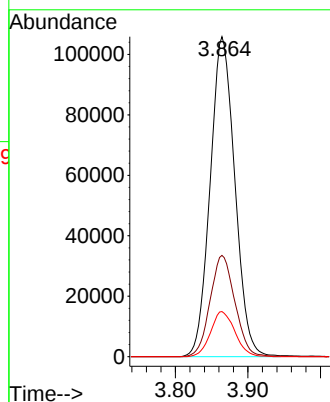
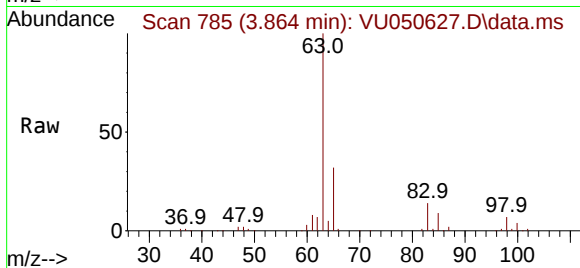
Tgt Ion: 63 Resp: 250247

Ion Ratio Lower Upper

63 100

65 31.7 22.4 41.6

83 14.1 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 17.627 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

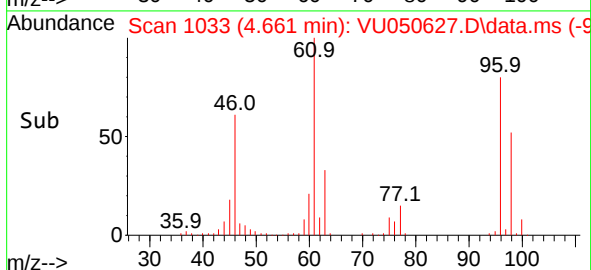
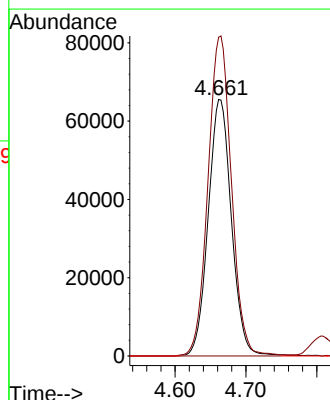
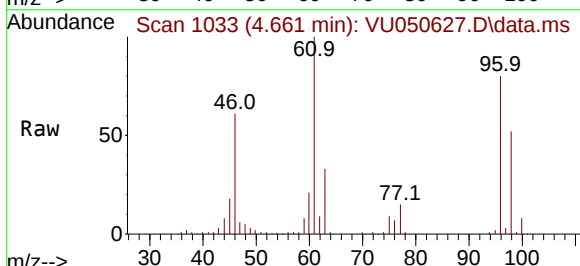
Tgt Ion: 96 Resp: 149027

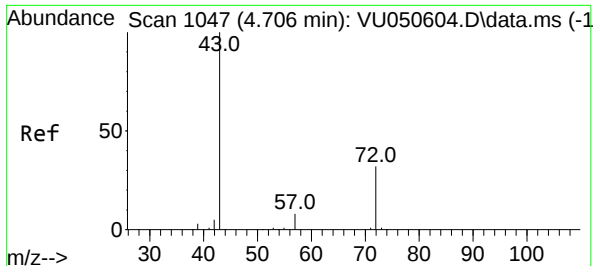
Ion Ratio Lower Upper

96 100

61 124.2 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 34.812 ug/L

RT: 4.706 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

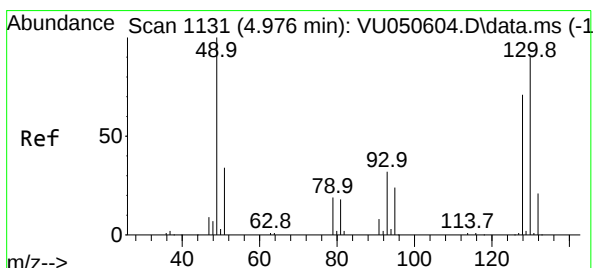
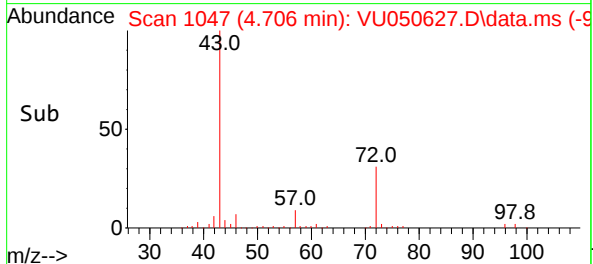
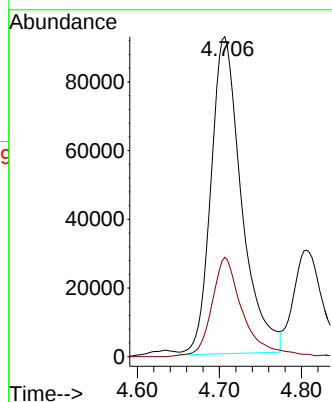
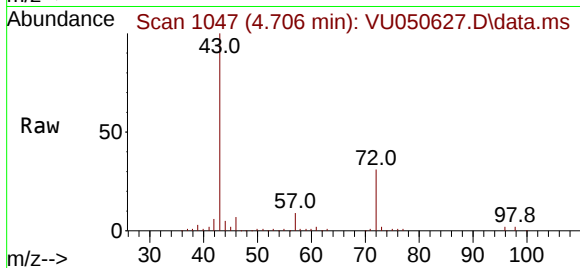
DBVF5MSD

Tgt Ion: 43 Resp: 239174

Ion Ratio Lower Upper

43 100

72 32.0 14.6 44.0



#23

Bromochloromethane

Concen: 17.002 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Tgt Ion: 128 Resp: 74277

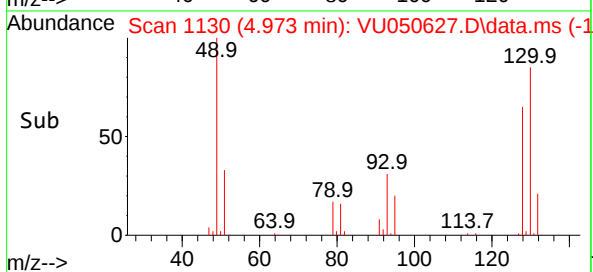
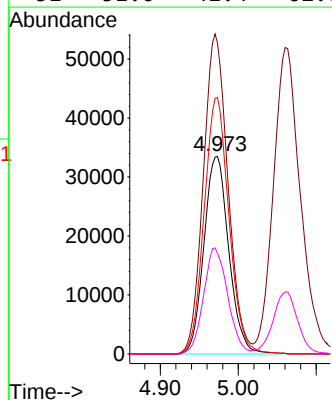
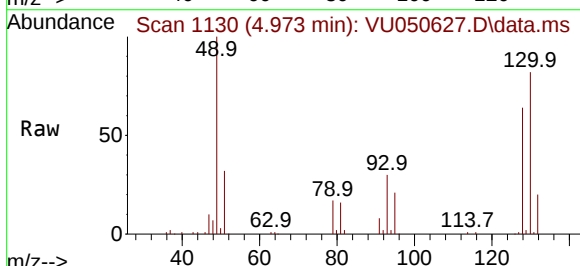
Ion Ratio Lower Upper

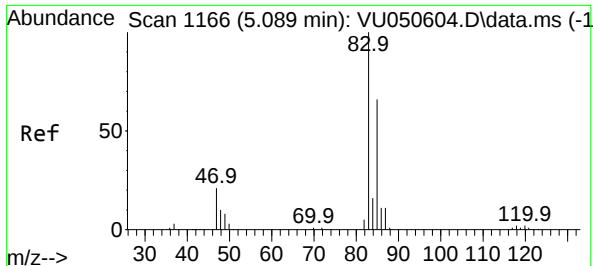
128 100

49 157.4 112.5 208.9

130 129.7 91.8 170.4

51 51.0 41.4 62.0





#25

Chloroform

Concen: 17.379 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

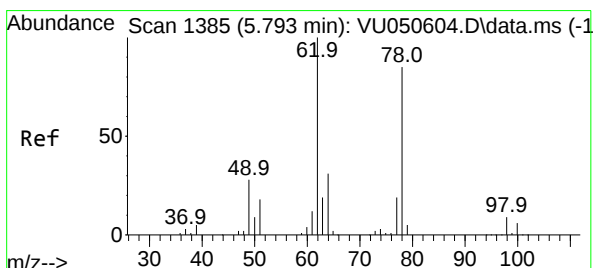
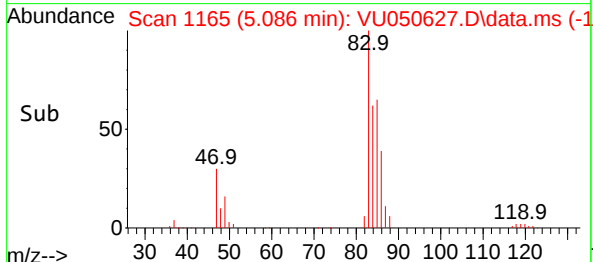
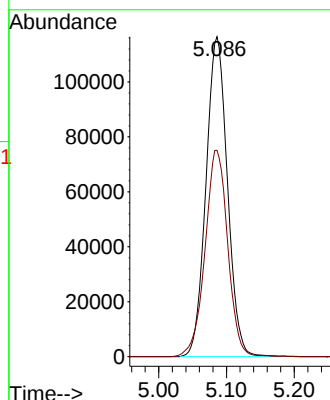
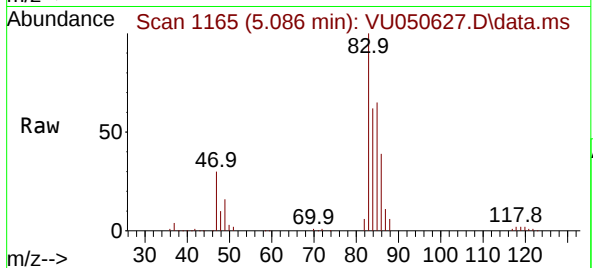
DBVF5MSD

Tgt Ion: 83 Resp: 255958

Ion Ratio Lower Upper

83 100

85 64.5 45.6 84.8



#27

1,2-Dichloroethane

Concen: 17.279 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050627.D

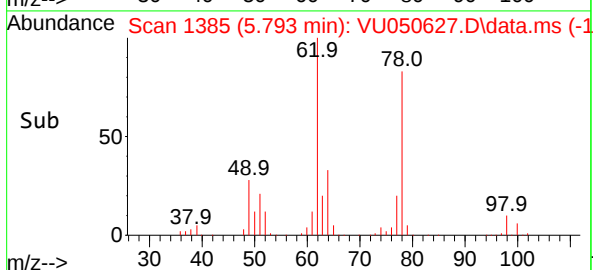
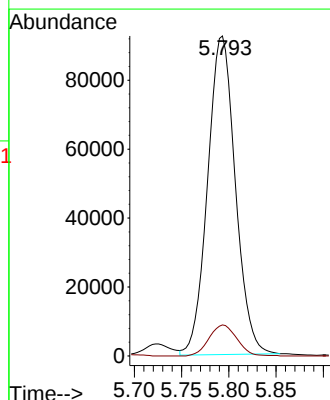
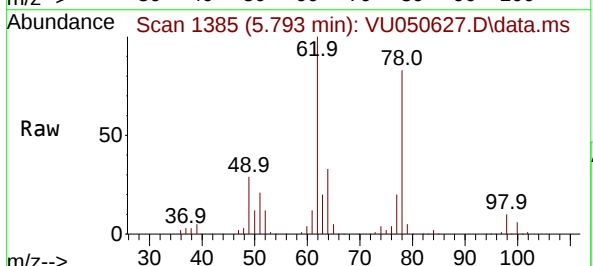
Acq: 03 Sep 2022 21:05

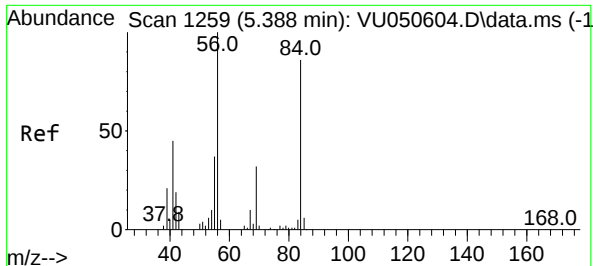
Tgt Ion: 62 Resp: 188628

Ion Ratio Lower Upper

62 100

98 9.7 8.2 12.2





#29

Cyclohexane

Concen: 17.948 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

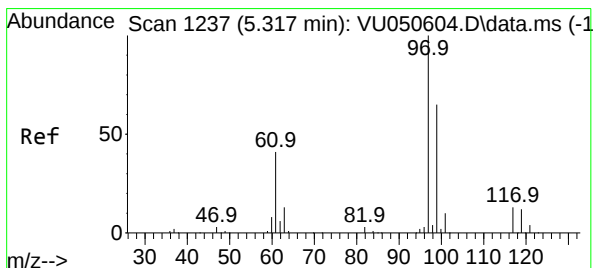
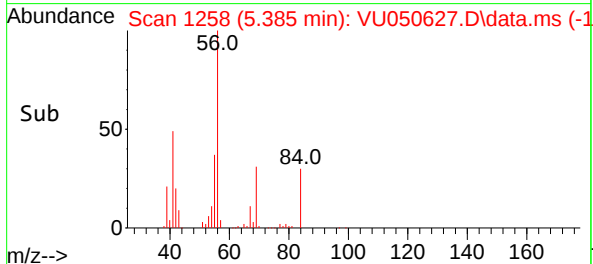
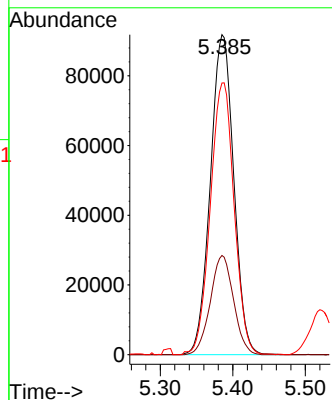
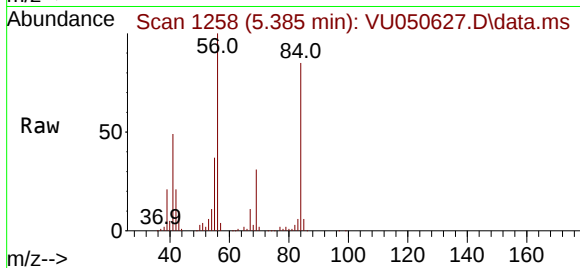
Tgt Ion: 56 Resp: 205952

Ion Ratio Lower Upper

56 100

69 30.7 24.6 37.0

84 86.2 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 18.196 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

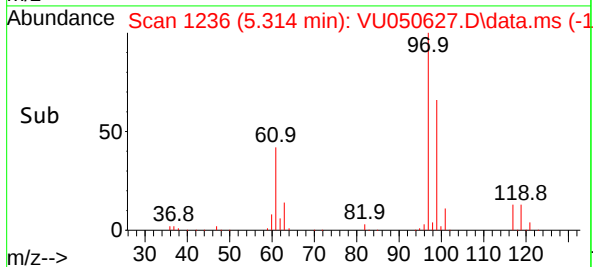
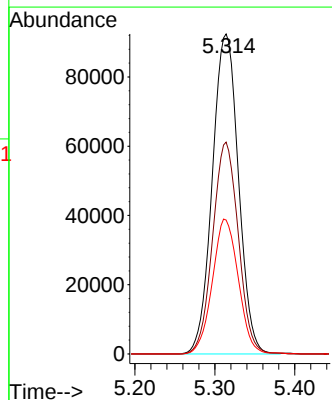
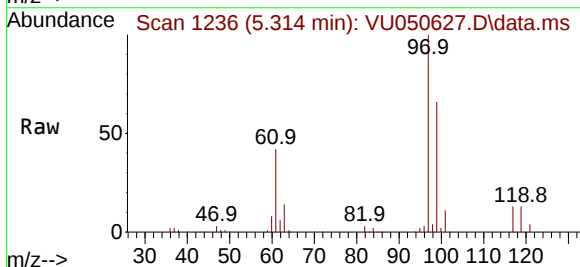
Tgt Ion: 97 Resp: 209990

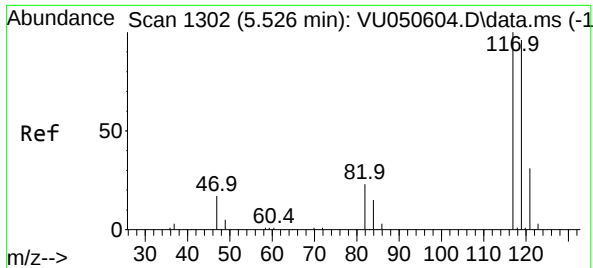
Ion Ratio Lower Upper

97 100

99 65.0 51.2 76.8

61 41.8 34.2 51.4

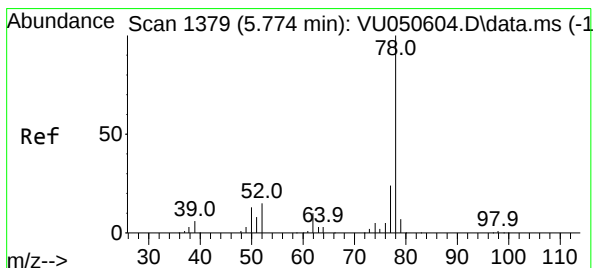
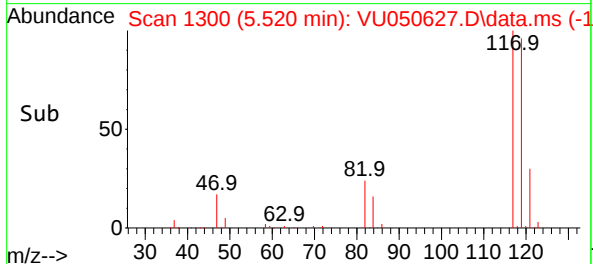
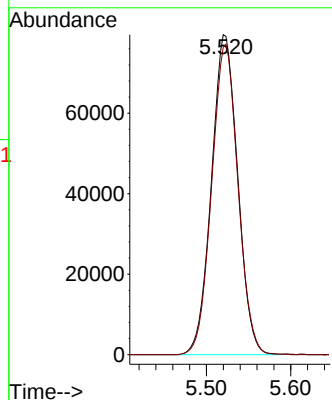
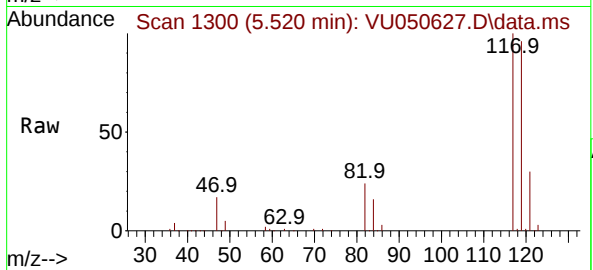




#31
Carbon tetrachloride
Concen: 18.196 ug/L
RT: 5.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

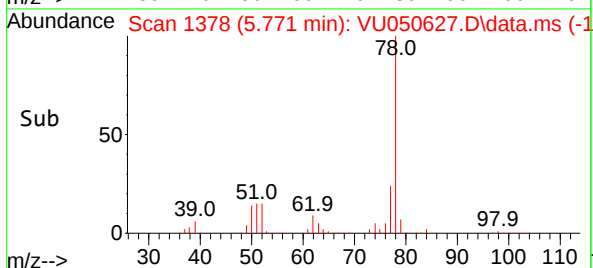
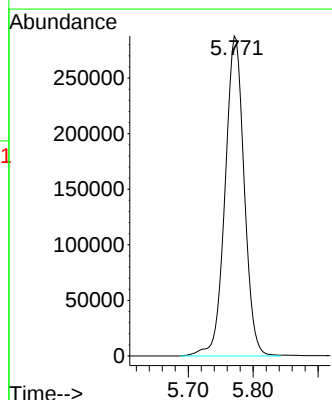
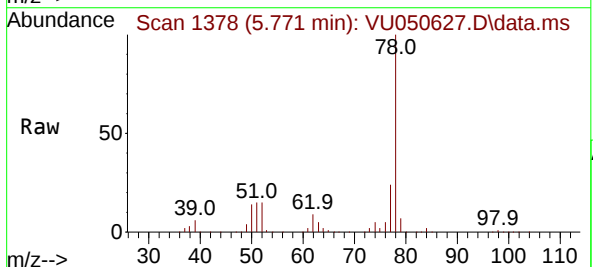
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

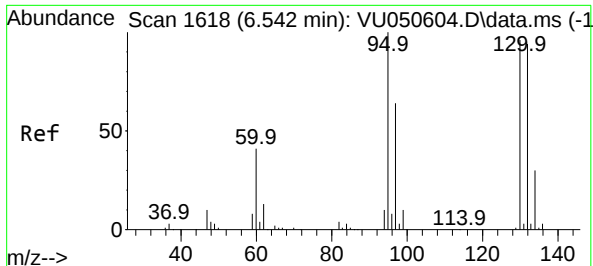
Tgt Ion:117 Resp: 172050
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2



#33
Benzene
Concen: 18.836 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

Tgt Ion: 78 Resp: 587343

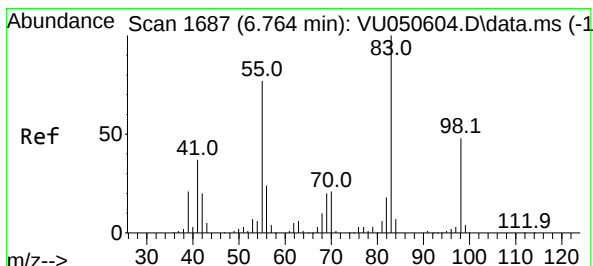
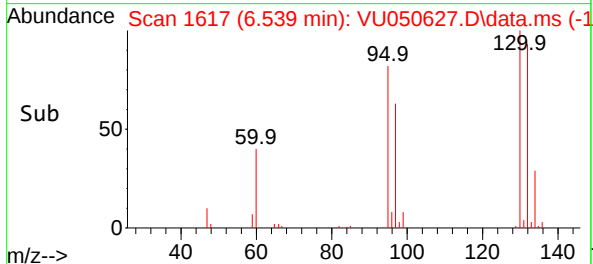
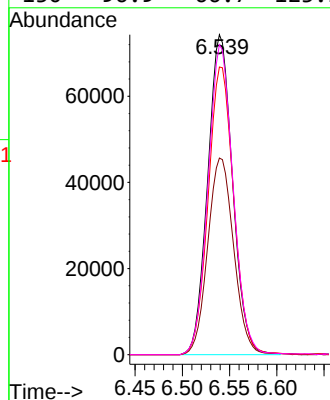
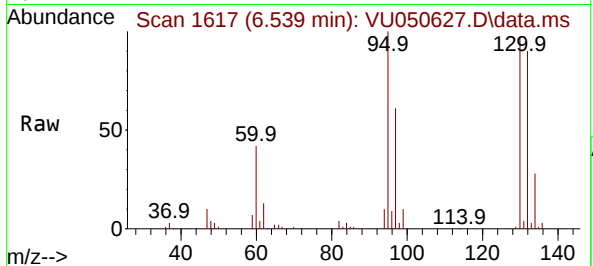




#34
Trichloroethene
Concen: 18.744 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

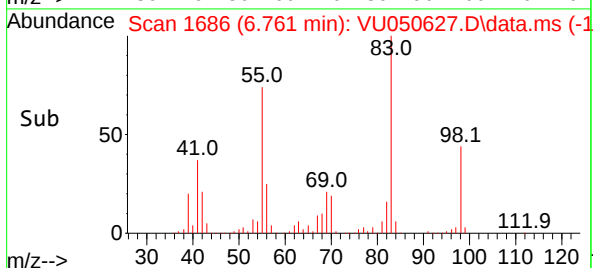
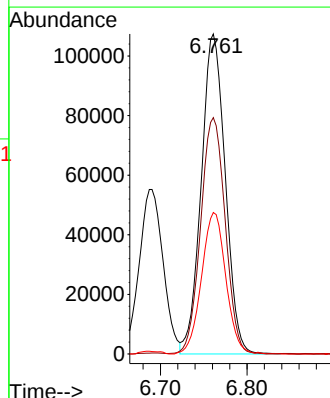
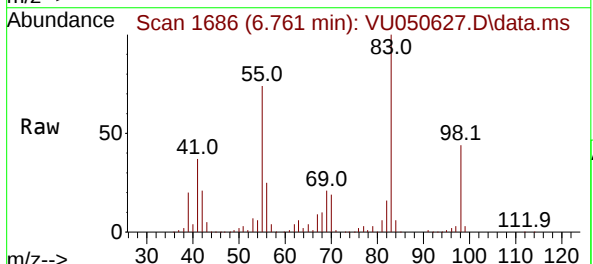
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

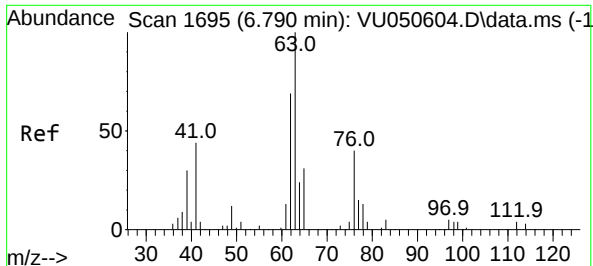
Tgt Ion: 95 Resp: 136190
Ion Ratio Lower Upper
95 100
97 61.4 45.4 84.2
132 89.9 65.2 121.2
130 96.9 66.7 123.9



#35
Methylcyclohexane
Concen: 17.928 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

Tgt Ion: 83 Resp: 207085
Ion Ratio Lower Upper
83 100
55 75.0 62.6 93.8
98 44.7 35.5 53.3





#37

1,2-Dichloropropane

Concen: 18.657 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

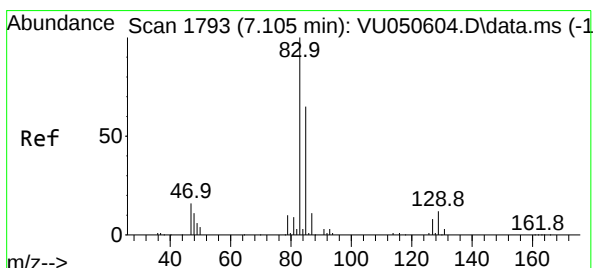
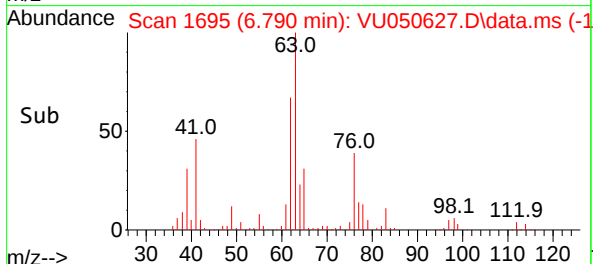
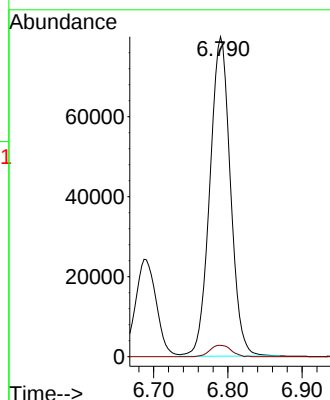
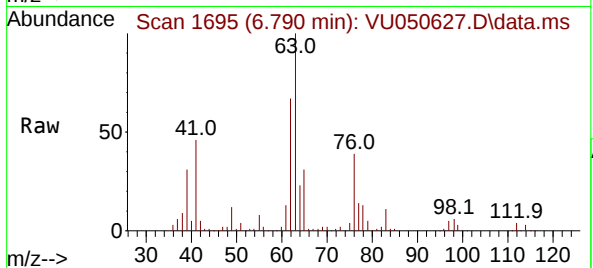
DBVF5MSD

Tgt Ion: 63 Resp: 153670

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 18.647 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

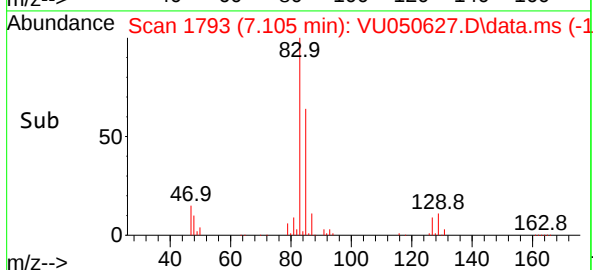
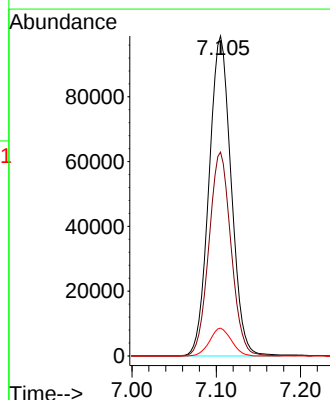
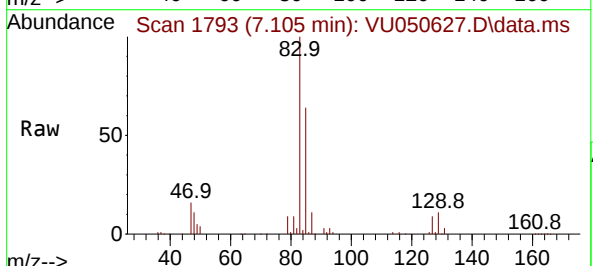
Tgt Ion: 83 Resp: 180675

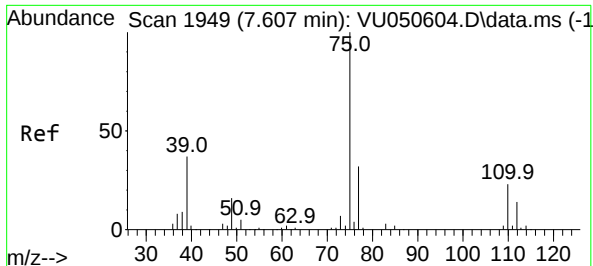
Ion Ratio Lower Upper

83 100

85 63.7 44.9 83.5

127 8.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 18.619 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

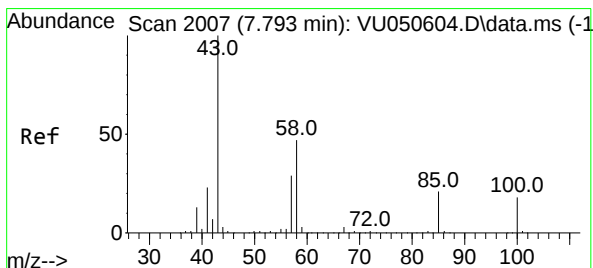
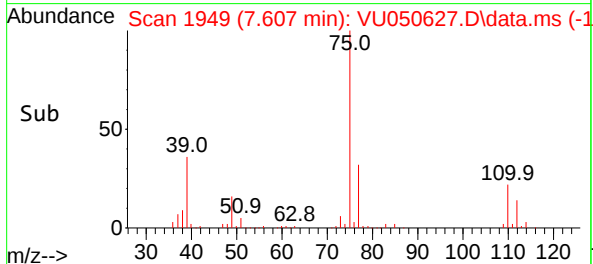
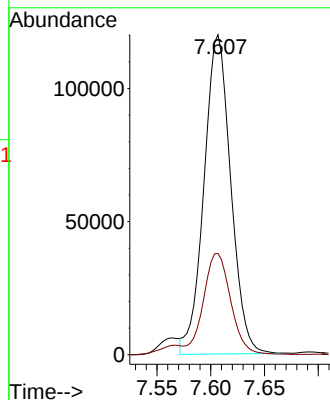
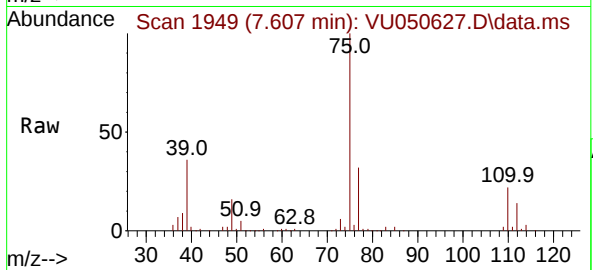
DBVF5MSD

Tgt Ion: 75 Resp: 207587

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 38.081 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

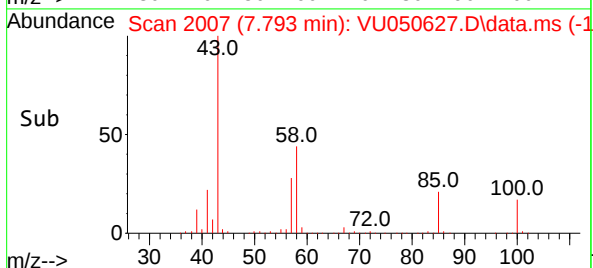
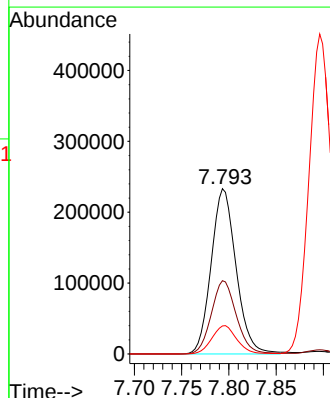
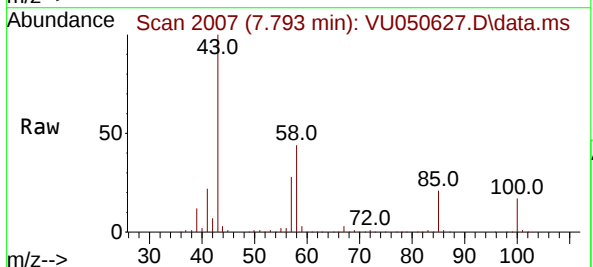
Tgt Ion: 43 Resp: 427433

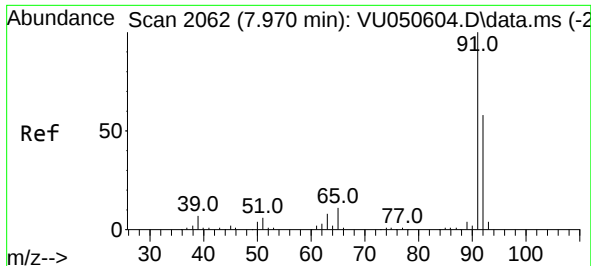
Ion Ratio Lower Upper

43 100

58 44.6 35.1 52.7

100 17.2 12.9 19.3





#42

Toluene

Concen: 18.448 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

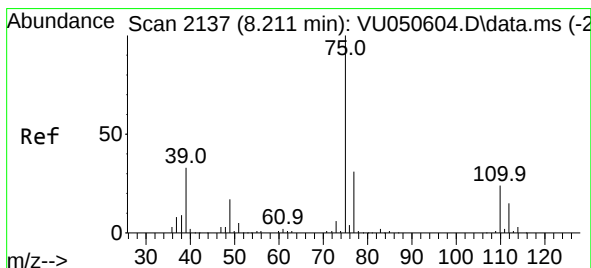
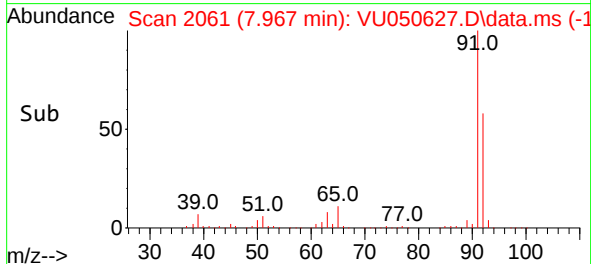
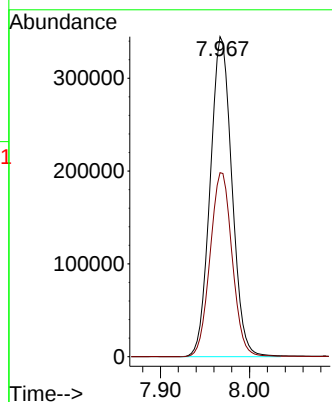
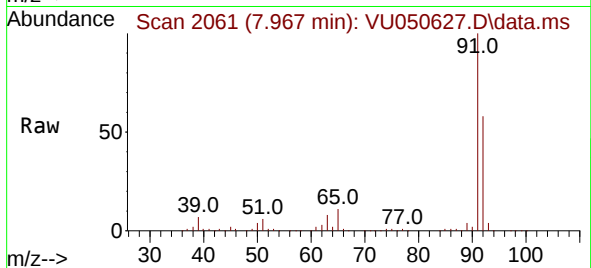
DBVF5MSD

Tgt Ion: 91 Resp: 584329

Ion Ratio Lower Upper

91 100

92 57.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 18.983 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU050627.D

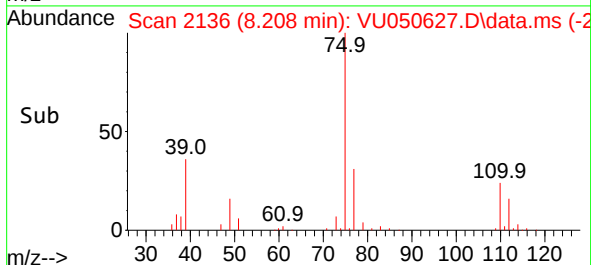
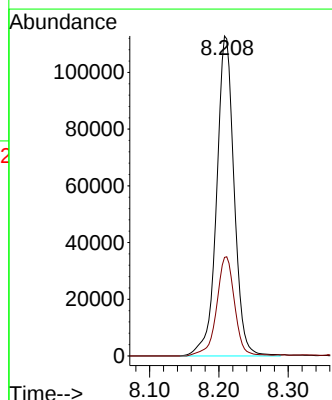
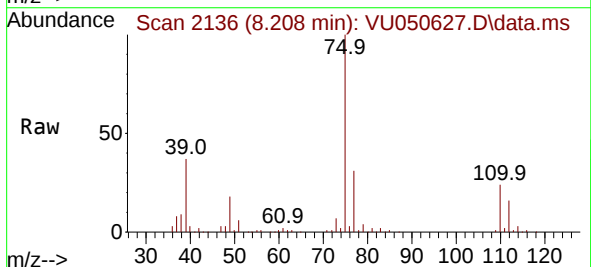
Acq: 03 Sep 2022 21:05

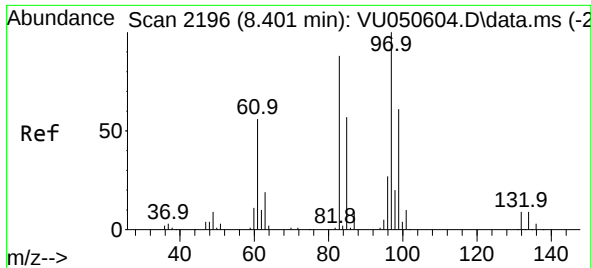
Tgt Ion: 75 Resp: 198571

Ion Ratio Lower Upper

75 100

77 30.8 22.1 41.1

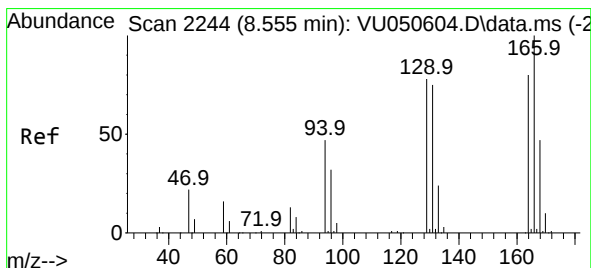
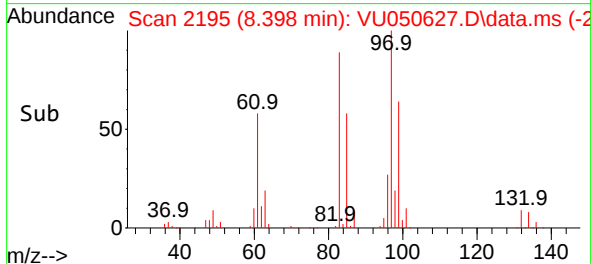
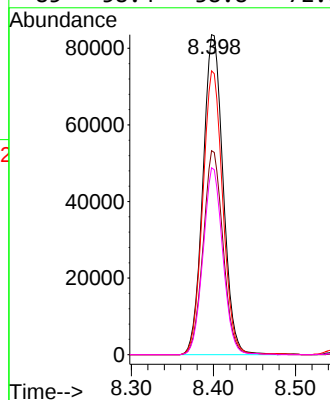
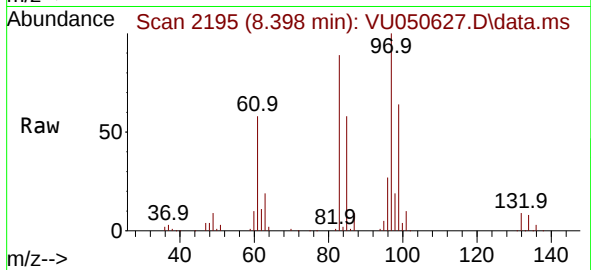




#45
1,1,2-Trichloroethane
Concen: 18.086 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

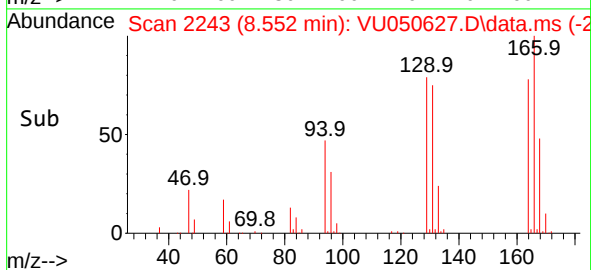
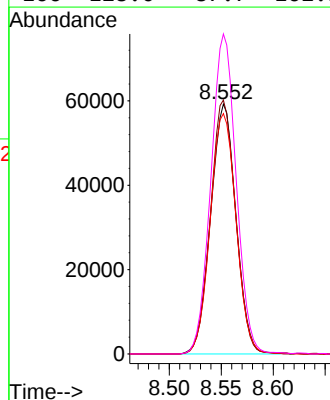
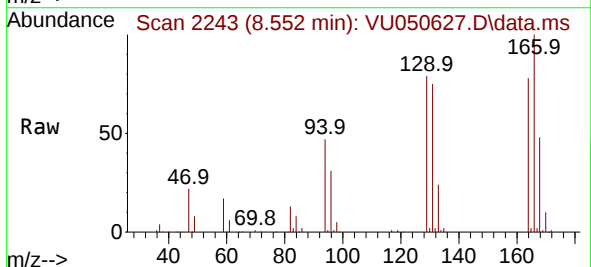
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

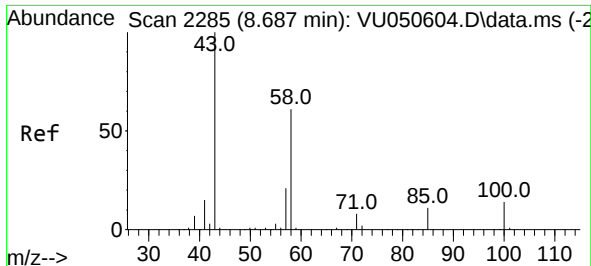
Tgt Ion:	97	Resp:	143105
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.5	80.9
83	88.7	61.6	114.4
85	58.4	38.8	72.0



#46
Tetrachloroethene
Concen: 18.900 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

Tgt Ion:	164	Resp:	100300
Ion	Ratio	Lower	Upper
164	100		
129	101.6	68.7	127.5
131	96.1	66.2	123.0
166	128.0	87.7	162.9



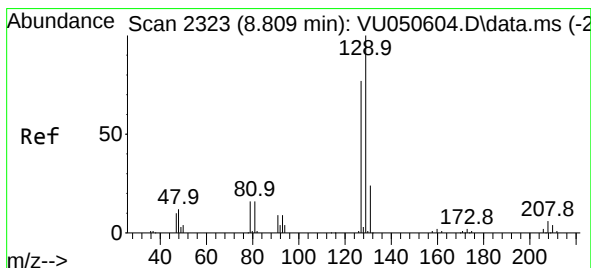
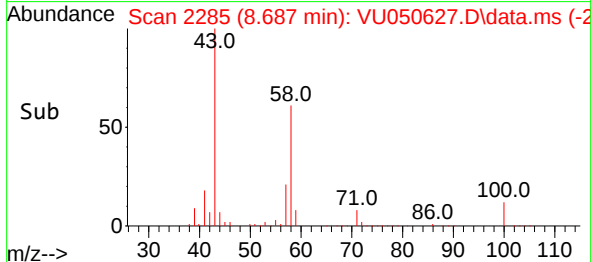
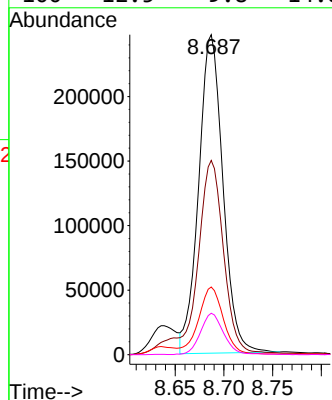
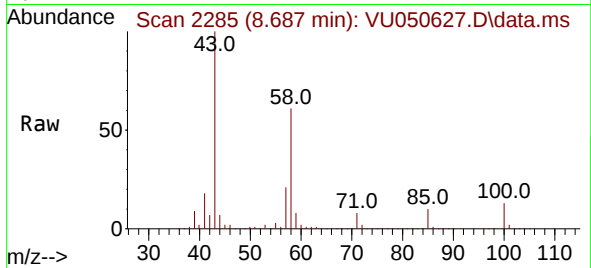


#48
2-Hexanone
Concen: 40.866 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

Tgt Ion: 43 Resp: 428078

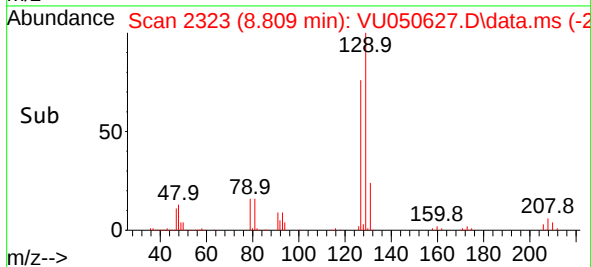
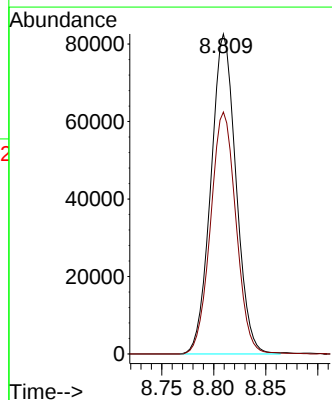
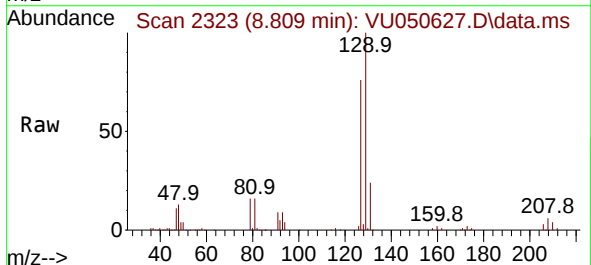
Ion	Ratio	Lower	Upper
43	100		
58	62.3	51.8	77.6
57	21.2	17.0	25.4
100	12.5	9.8	14.8

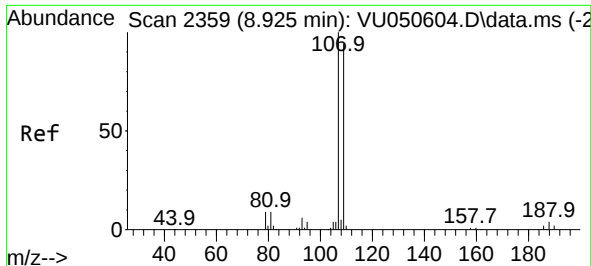


#49
Dibromochloromethane
Concen: 18.412 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

Tgt Ion: 129 Resp: 138949

Ion	Ratio	Lower	Upper
129	100		
127	75.6	53.8	100.0





#50

1,2-Dibromoethane

Concen: 18.676 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

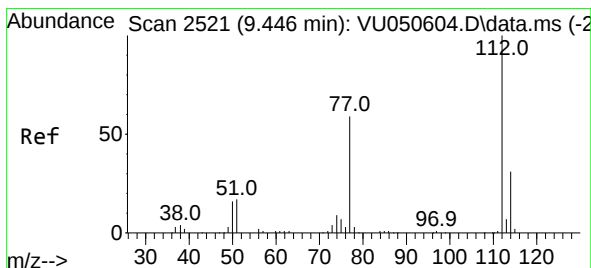
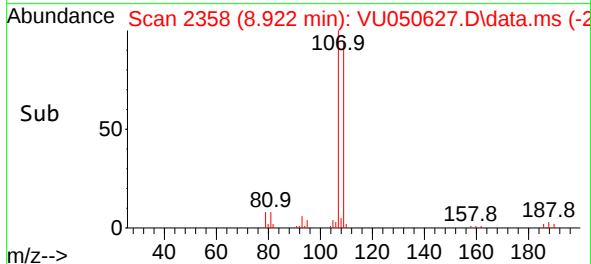
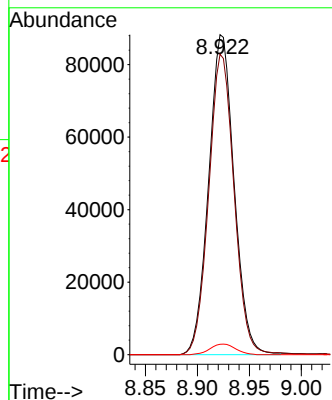
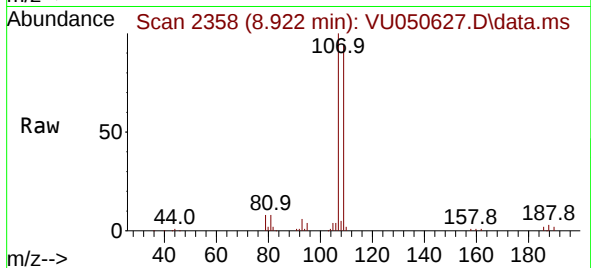
Tgt Ion:107 Resp: 150279

Ion Ratio Lower Upper

107 100

109 93.9 67.5 125.4

188 3.3 2.5 3.7



#51

Chlorobenzene

Concen: 18.252 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

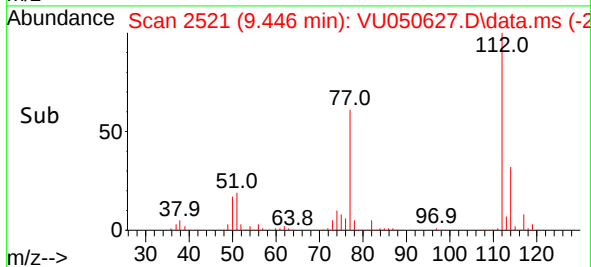
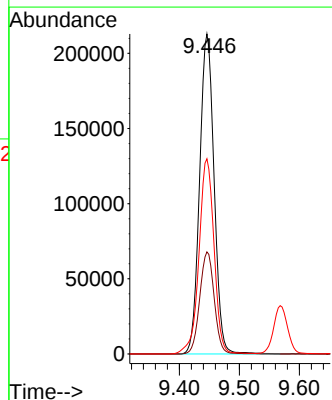
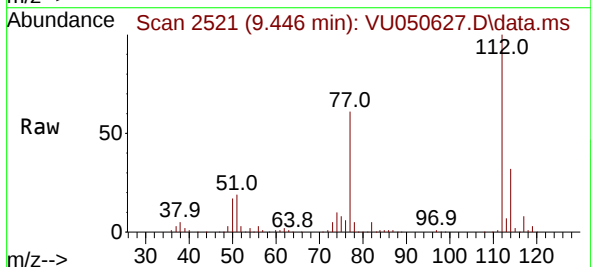
Tgt Ion:112 Resp: 358812

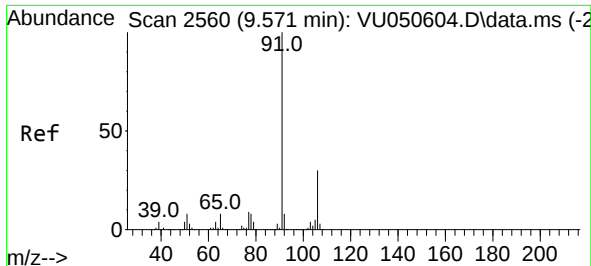
Ion Ratio Lower Upper

112 100

114 31.9 22.1 41.1

77 61.0 49.2 73.8

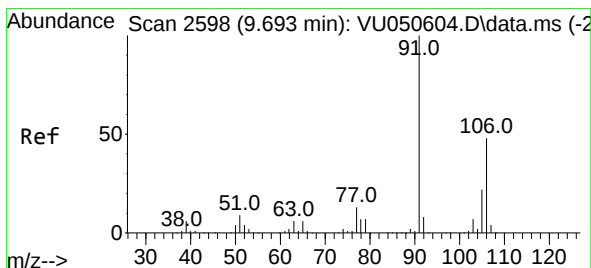
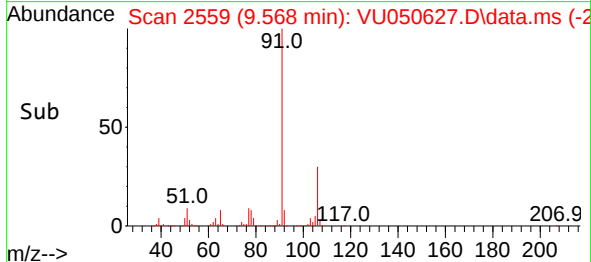
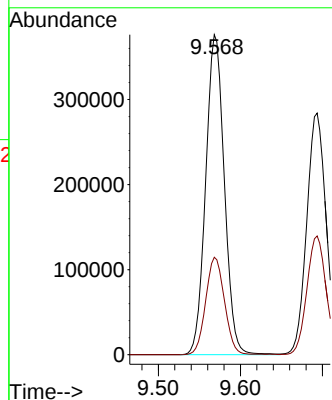
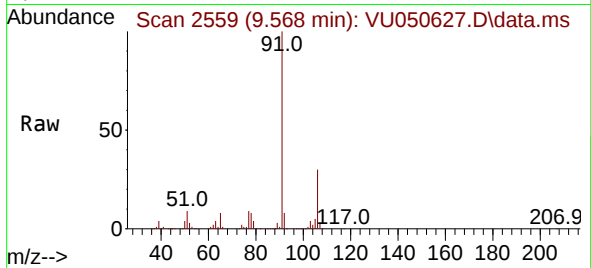




#52
Ethylbenzene
Concen: 18.959 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

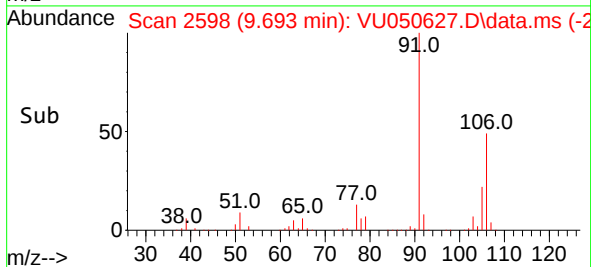
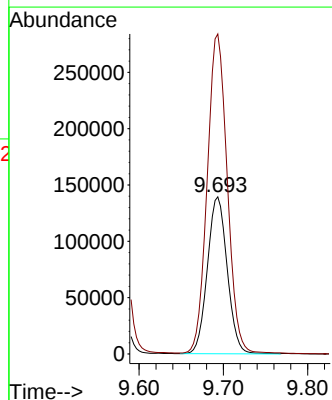
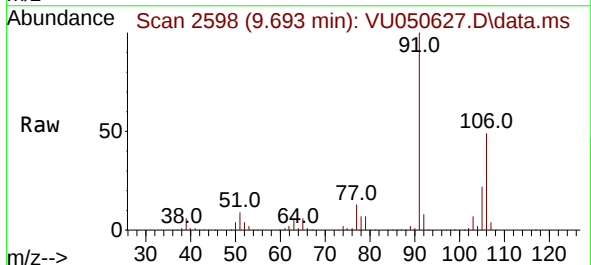
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

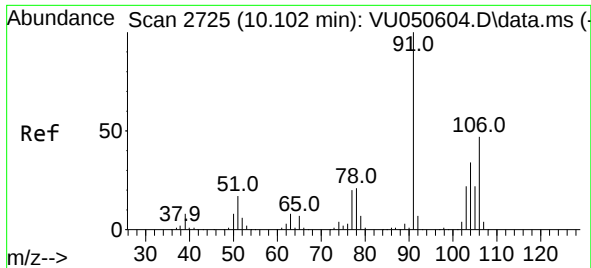
Tgt Ion: 91 Resp: 593259
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 19.035 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

Tgt Ion: 106 Resp: 228195
Ion Ratio Lower Upper
106 100
91 203.6 147.1 273.3

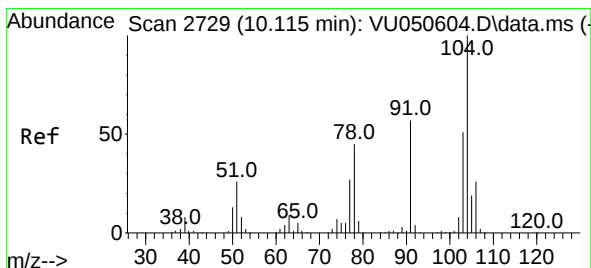
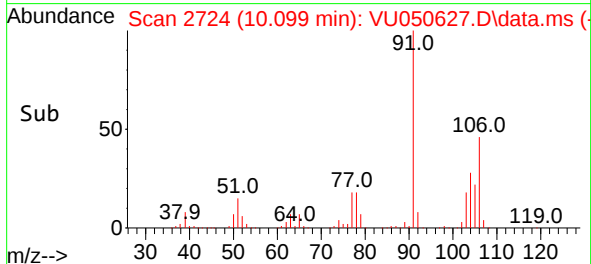
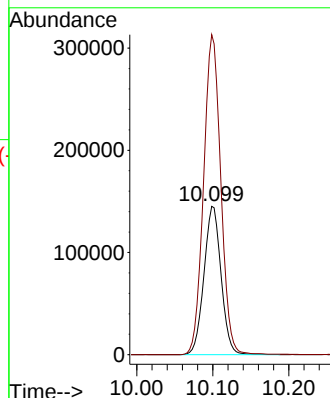
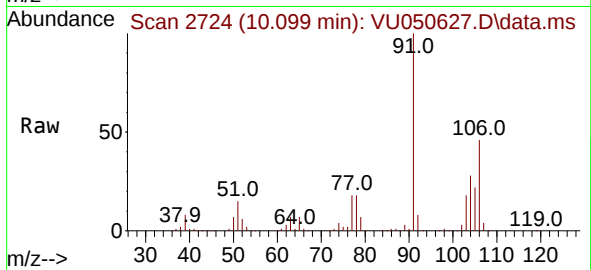




#54
o-Xylene
Concen: 19.000 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

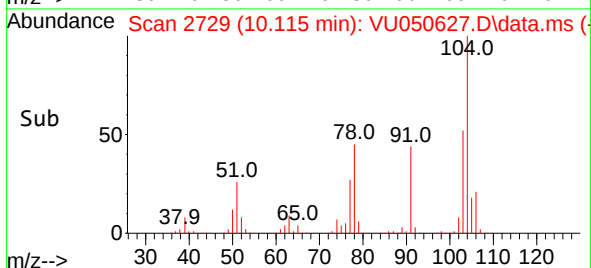
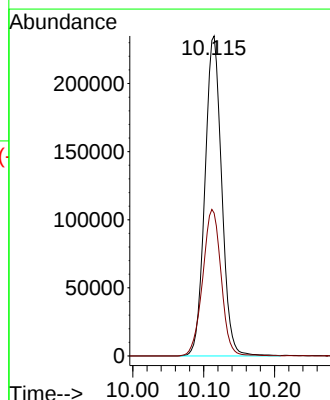
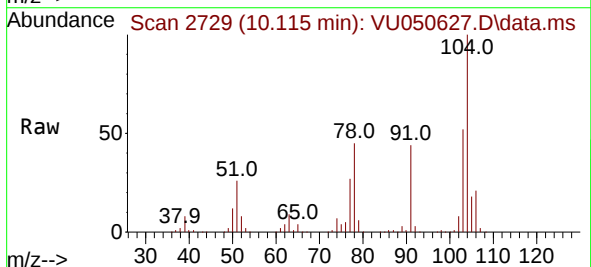
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

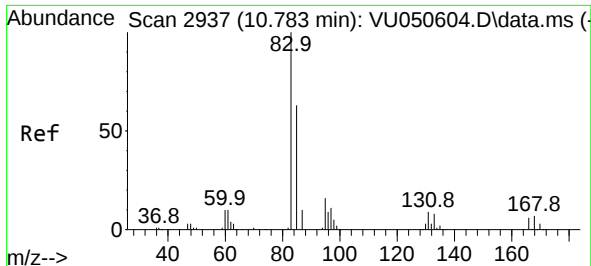
Tgt Ion:106 Resp: 226767
Ion Ratio Lower Upper
106 100
91 215.7 153.4 284.8



#55
Styrene
Concen: 19.651 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

Tgt Ion:104 Resp: 385896
Ion Ratio Lower Upper
104 100
78 44.7 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 18.648 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

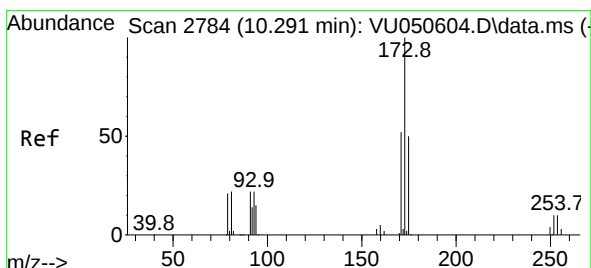
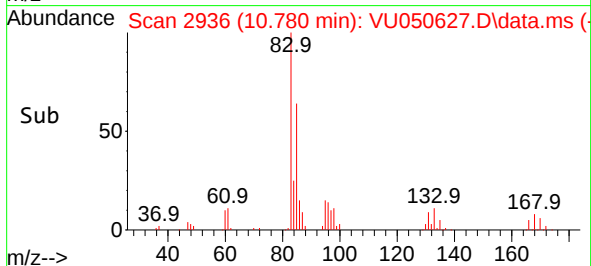
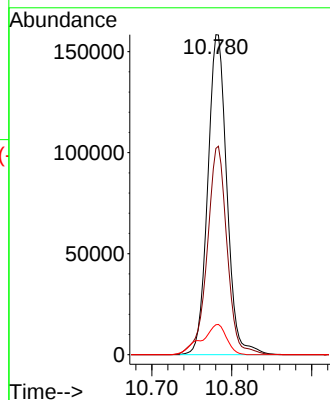
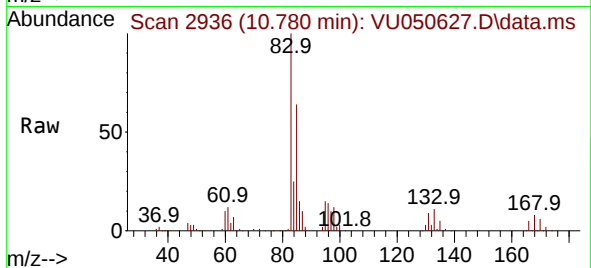
Tgt Ion: 83 Resp: 262822

Ion Ratio Lower Upper

83 100

85 64.5 45.5 84.5

131 9.3 7.7 11.5



#59

Bromoform

Concen: 16.620 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

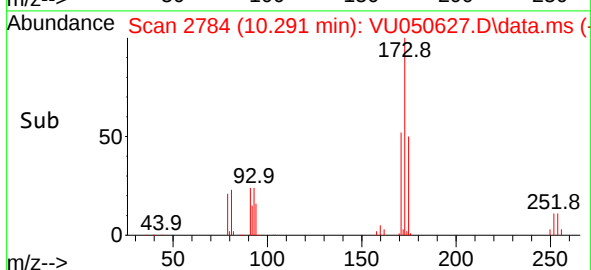
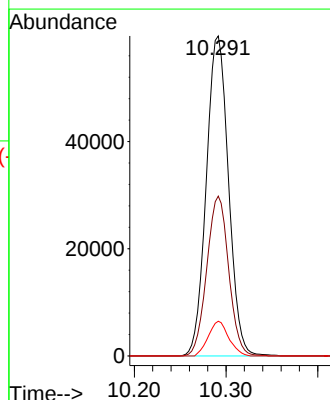
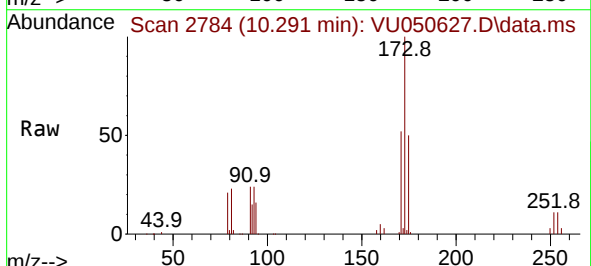
Tgt Ion:173 Resp: 100388

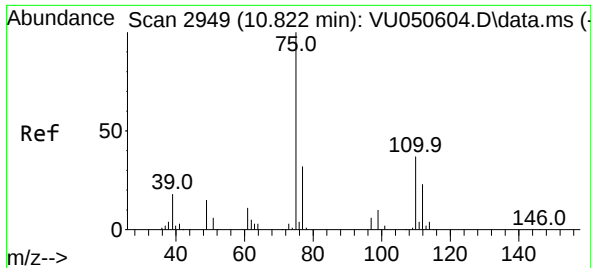
Ion Ratio Lower Upper

173 100

175 49.2 40.0 60.0

254 10.0 7.4 11.0

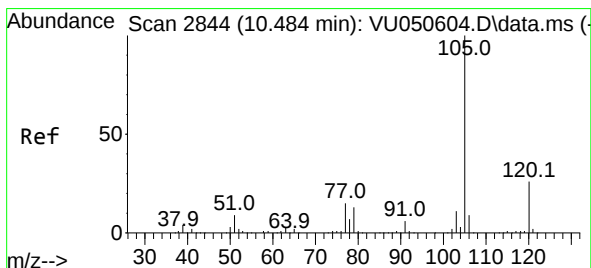
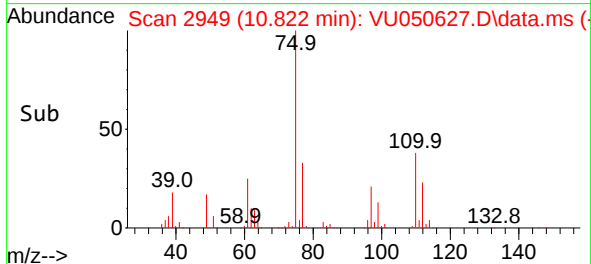
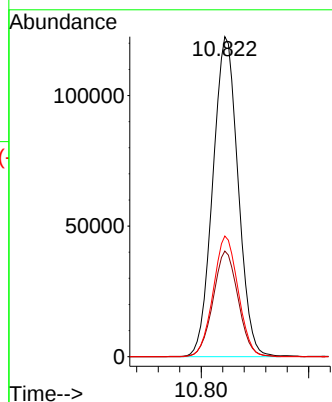
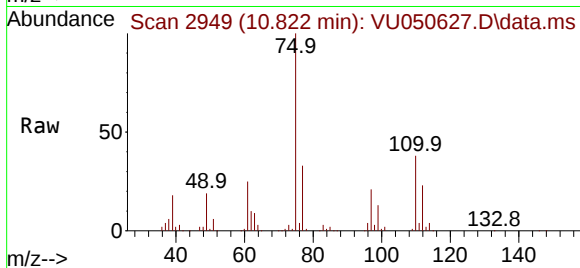




#60
1,2,3-Trichloropropane
Concen: 16.824 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

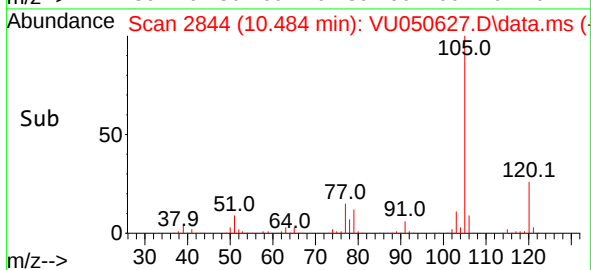
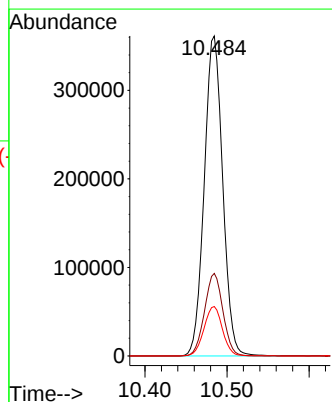
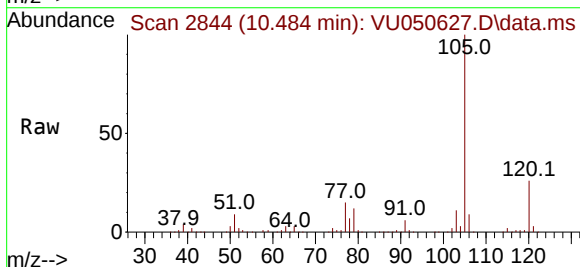
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

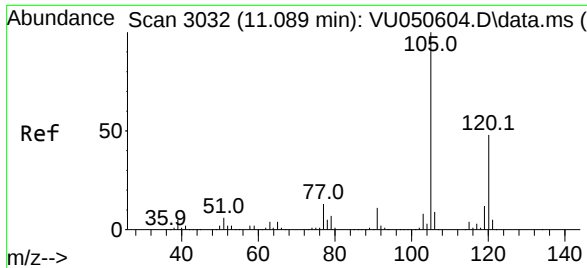
Tgt Ion:	75	Resp:	199844
Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.8	38.8
110	37.3	29.3	43.9



#61
Isopropylbenzene
Concen: 17.642 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

Tgt Ion:	105	Resp:	565320
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.4	30.6
77	15.5	12.8	19.2

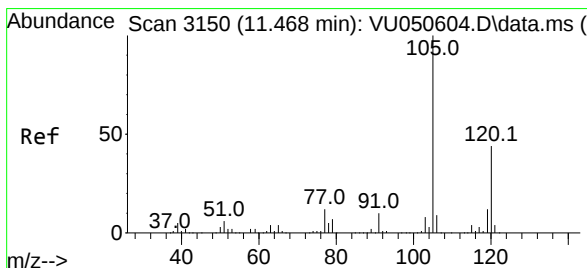
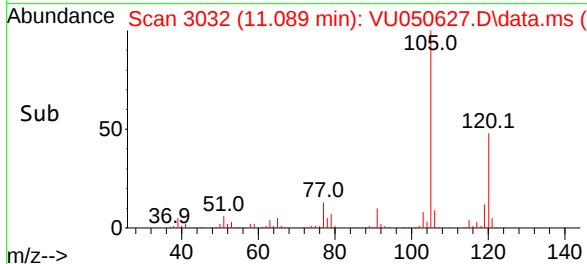
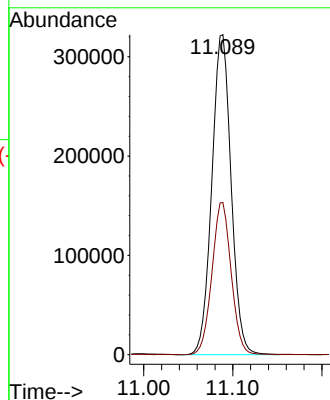
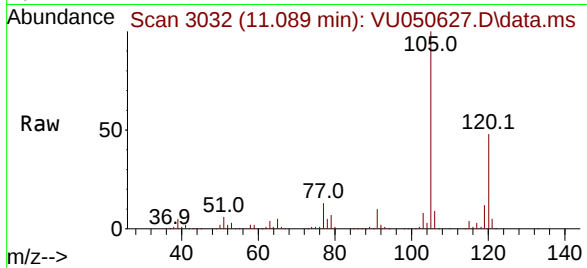




#62
 1,3,5-Trimethylbenzene
 Concen: 17.694 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050627.D
 Acq: 03 Sep 2022 21:05

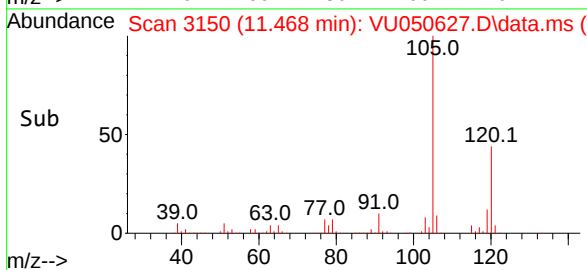
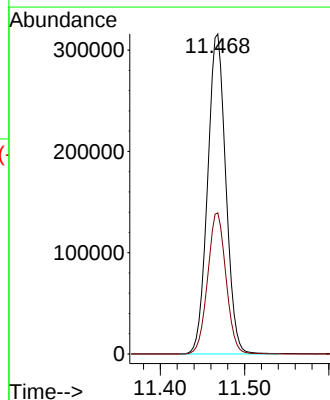
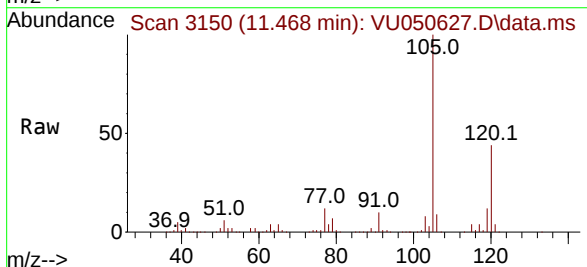
Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MSD

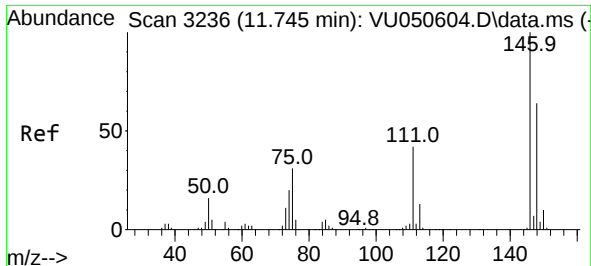
Tgt Ion:105 Resp: 484748
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 18.069 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050627.D
 Acq: 03 Sep 2022 21:05

Tgt Ion:105 Resp: 475354
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.3 52.9

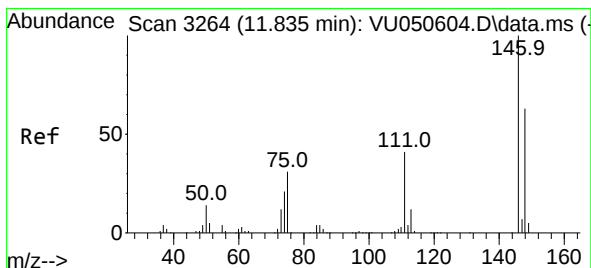
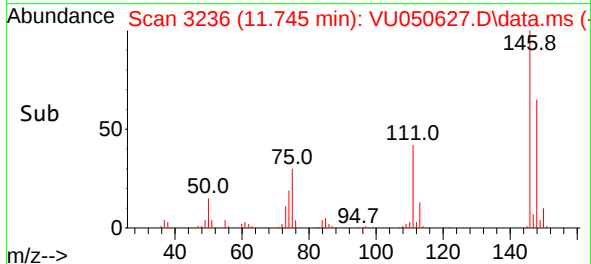
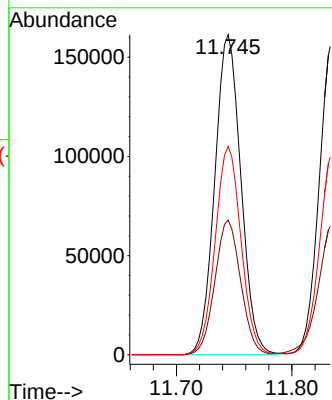
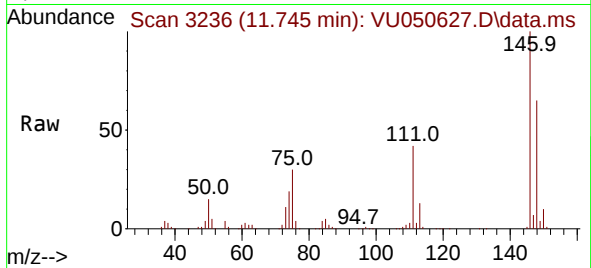




#64
 1,3-Dichlorobenzene
 Concen: 18.009 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050627.D
 Acq: 03 Sep 2022 21:05

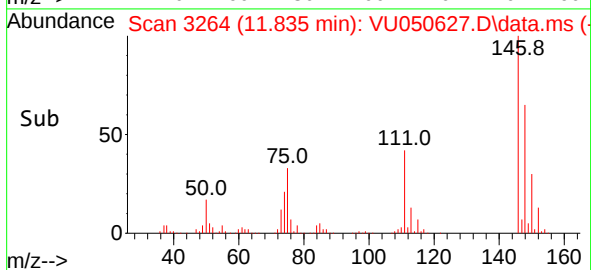
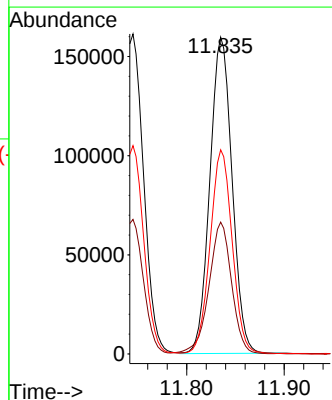
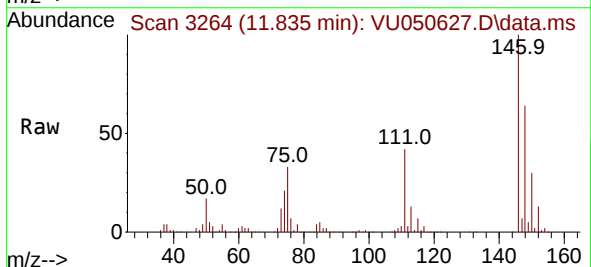
Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MSD

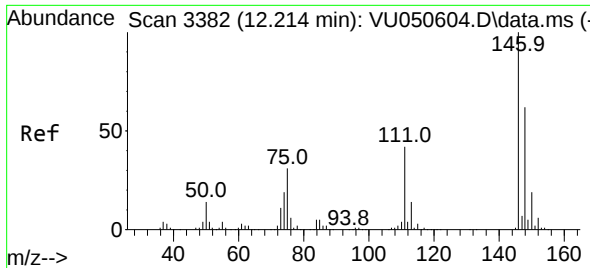
Tgt Ion:146 Resp: 253921
 Ion Ratio Lower Upper
 146 100
 111 42.0 29.9 55.5
 148 65.1 45.5 84.5



#65
 1,4-Dichlorobenzene
 Concen: 18.125 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU050627.D
 Acq: 03 Sep 2022 21:05

Tgt Ion:146 Resp: 252607
 Ion Ratio Lower Upper
 146 100
 111 41.6 27.9 51.7
 148 64.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 18.088 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MSD

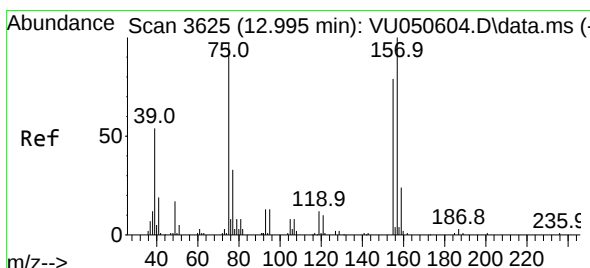
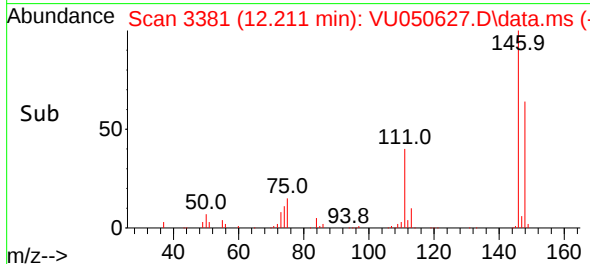
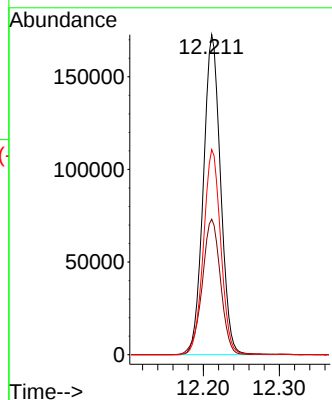
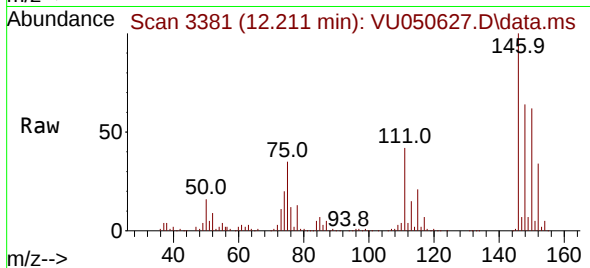
Tgt Ion:146 Resp: 271626

Ion Ratio Lower Upper

146 100

111 42.3 35.1 52.7

148 64.1 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 17.131 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050627.D

Acq: 03 Sep 2022 21:05

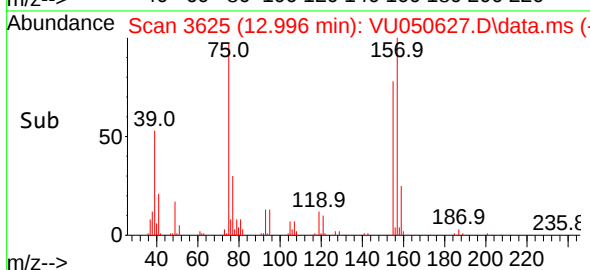
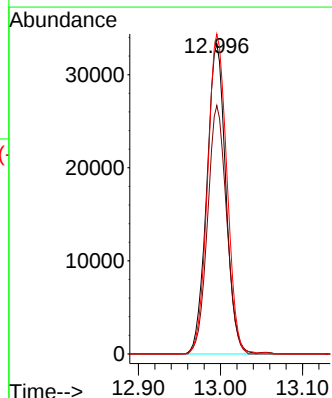
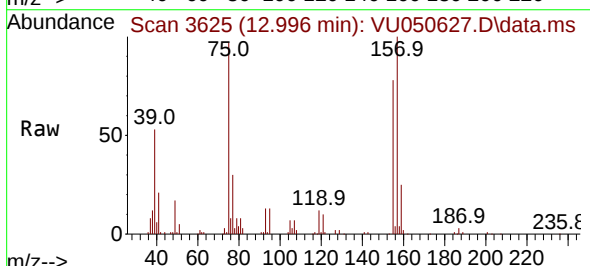
Tgt Ion: 75 Resp: 53735

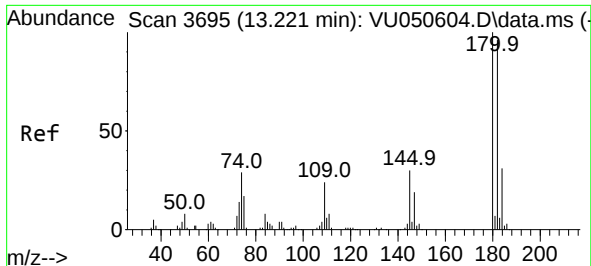
Ion Ratio Lower Upper

75 100

155 80.1 67.8 101.6

157 103.1 82.6 124.0

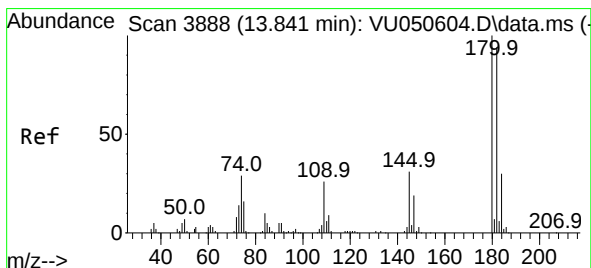
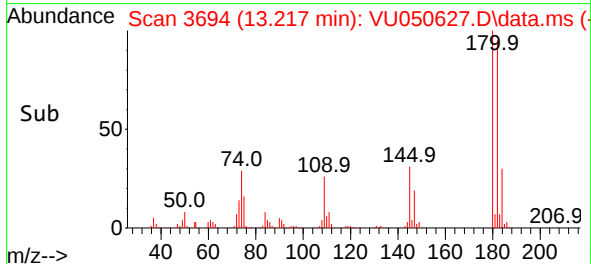
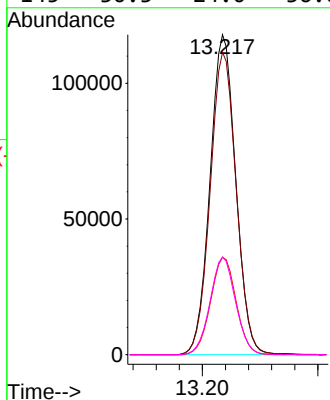
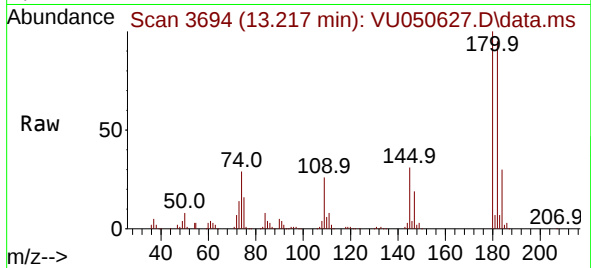




#69
 1,3,5-Trichlorobenzene
 Concen: 17.768 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU050627.D
 Acq: 03 Sep 2022 21:05

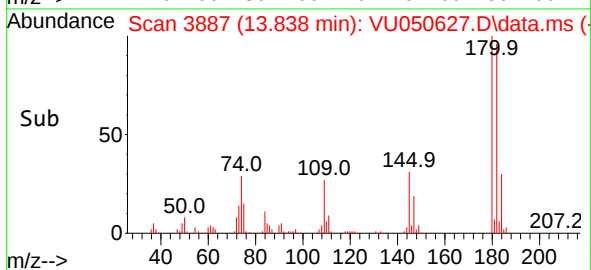
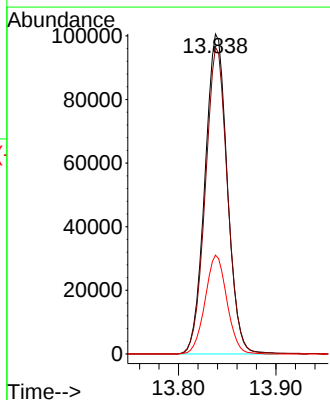
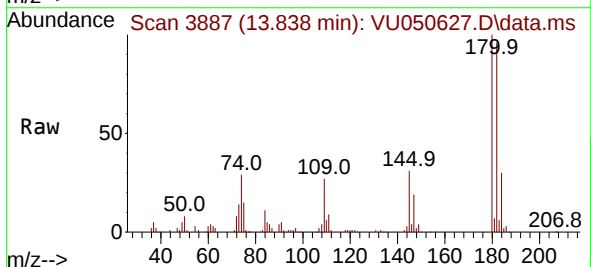
Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MSD

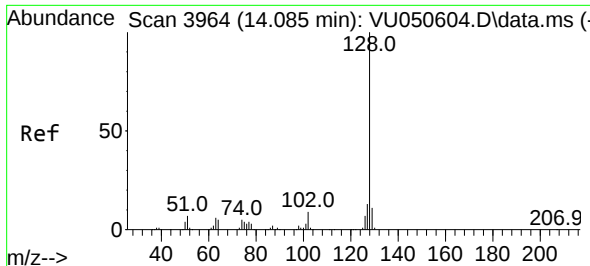
Tgt Ion:180 Resp: 181809
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.3 112.9
 184 30.2 23.8 35.8
 145 30.3 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 18.423 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU050627.D
 Acq: 03 Sep 2022 21:05

Tgt Ion:180 Resp: 160072
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.2
 145 30.2 24.7 37.1

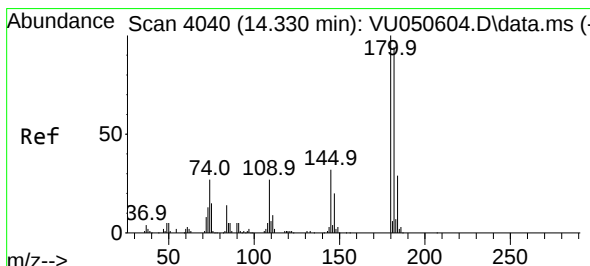
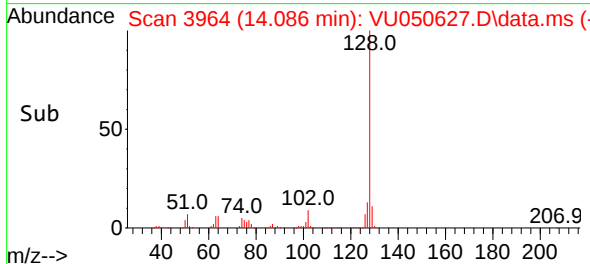
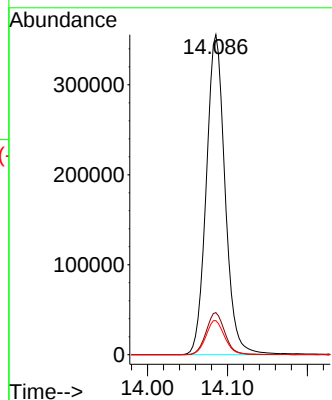
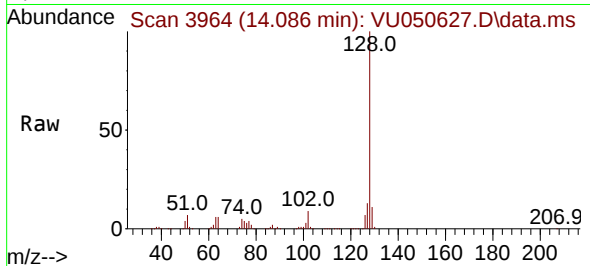




#71
Naphthalene
Concen: 18.853 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

Instrument :
MSVOA_U
ClientSampleId :
DBVF5MSD

Tgt Ion:128 Resp: 580761
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.8 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 18.620 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU050627.D
Acq: 03 Sep 2022 21:05

Tgt Ion:180 Resp: 175197
Ion Ratio Lower Upper
180 100
182 94.0 76.1 114.1
145 33.7 26.4 39.6

