

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U093022\
 Data File : VU051076.D
 Acq On : 01 Oct 2022 08:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 00:04:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	403580	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	417594	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	209761	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	177289	43.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.700%
7) Chloroethane-d5	1.896	69	154110	40.562	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.120%
11) 1,1-Dichloroethene-d2	2.565	63	290527	48.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.180%
21) 2-Butanone-d5	4.616	46	275147	103.721	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.720%
24) Chloroform-d	5.060	84	334160	50.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.420%
26) 1,2-Dichloroethane-d4	5.697	65	209539	51.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.740%
32) Benzene-d6	5.722	84	653011	53.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	6.687	67	217670	54.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.700%
41) Toluene-d8	7.896	98	595558	52.712	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.420%
43) trans-1,3-Dichloroprop...	8.176	79	90646	47.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.780%
47) 2-Hexanone-d5	8.632	63	166650	104.009	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.010%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	368720	53.168	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.340%
66) 1,2-Dichlorobenzene-d4	12.192	152	223324	49.837	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	175284	51.795	ug/L	100
3) Chloromethane	1.520	50	213302	53.346	ug/L	99
5) Vinyl chloride	1.604	62	215211	50.716	ug/L	98
6) Bromomethane	1.832	94	124421	35.397	ug/L	97
8) Chloroethane	1.919	64	137672	44.182	ug/L	99
9) Trichlorofluoromethane	2.131	101	251689	44.111	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	149912	48.657	ug/L	97
12) 1,1-Dichloroethene	2.575	96	142114	49.379	ug/L	94
13) Acetone	2.620	43	191529	90.415	ug/L	99
14) Carbon disulfide	2.787	76	419180	49.272	ug/L	100
15) Methyl Acetate	2.941	43	209594	54.195	ug/L	96
16) Methylene chloride	3.041	84	190445	46.096	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	150994	49.315	ug/L	96
18) Methyl tert-butyl Ether	3.359	73	485768	52.207	ug/L	98
19) 1,1-Dichloroethane	3.864	63	311191	53.506	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	176022	51.489	ug/L	94
22) 2-Butanone	4.697	43	304104	103.905	ug/L	98
23) Bromochloromethane	4.970	128	94427	50.411	ug/L	93
25) Chloroform	5.086	83	328870	51.985	ug/L	100

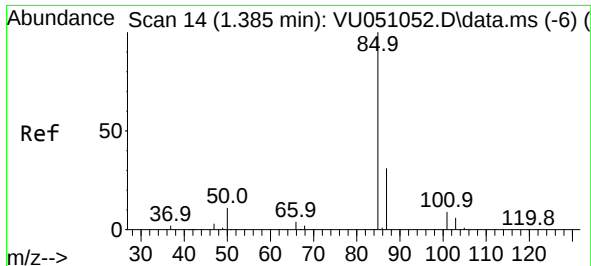
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
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 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	253674	52.346	ug/L	99
29) Cyclohexane	5.385	56	226421	55.685	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	258426	52.767	ug/L	99
31) Carbon tetrachloride	5.523	117	206993	51.802	ug/L	98
33) Benzene	5.771	78	721577	56.678	ug/L	100
34) Trichloroethene	6.539	95	166250	50.417	ug/L	97
35) Methylcyclohexane	6.761	83	227709	50.737	ug/L	96
37) 1,2-Dichloropropane	6.787	63	194666	56.781	ug/L	99
38) Bromodichloromethane	7.102	83	242995	53.110	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	241348	49.708	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	587041	118.237	ug/L	97
42) Toluene	7.967	91	750866	55.449	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	238234	48.528	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	193079	51.993	ug/L	98
46) Tetrachloroethene	8.552	164	116621	46.668	ug/L	96
48) 2-Hexanone	8.680	43	509373	112.952	ug/L	98
49) Dibromochloromethane	8.806	129	193152	49.471	ug/L	99
50) 1,2-Dibromoethane	8.922	107	202226	50.227	ug/L	97
51) Chlorobenzene	9.446	112	456230	49.542	ug/L	98
52) Ethylbenzene	9.568	91	734109	50.823	ug/L	99
53) m,p-Xylene	9.693	106	288232	53.064	ug/L	98
54) o-Xylene	10.098	106	286127	52.702	ug/L	99
55) Styrene	10.111	104	517653	55.166	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	374091	56.920	ug/L	99
59) Bromoform	10.288	173	147760	47.875	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	291673	52.839	ug/L	98
61) Isopropylbenzene	10.481	105	695557	51.045	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	590725	53.016	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	598618	53.603	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	332395	47.318	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	335700	47.807	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	364640	50.523	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	81197	50.406	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	214759	45.083	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	163487	41.946	ug/L	99
71) Naphthalene	14.085	128	613255	43.961	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	192240	44.202	ug/L	98

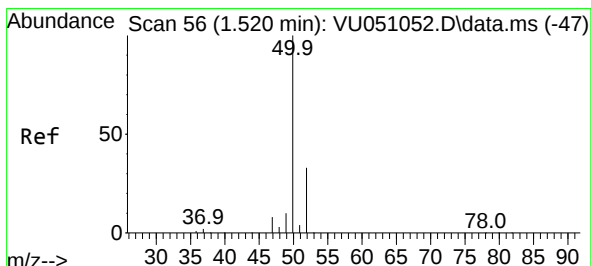
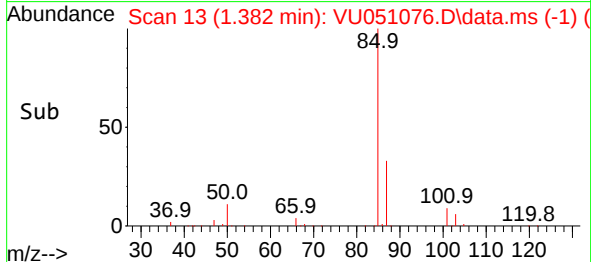
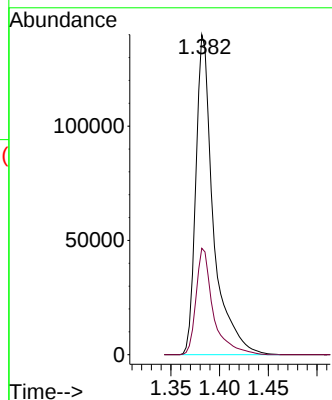
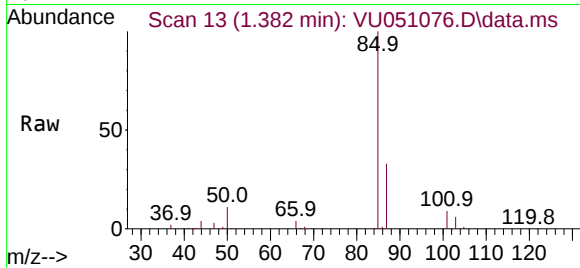
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 51.795 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU051076.D
 Acq: 01 Oct 2022 08:05

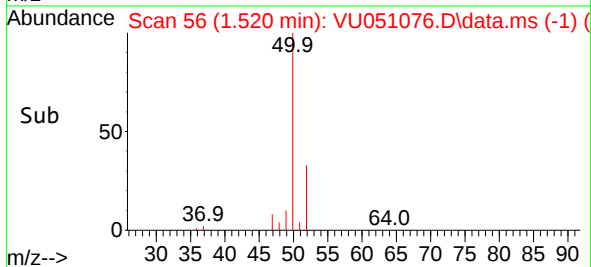
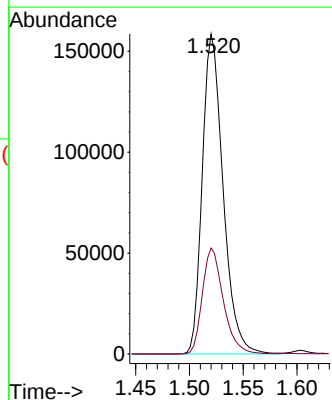
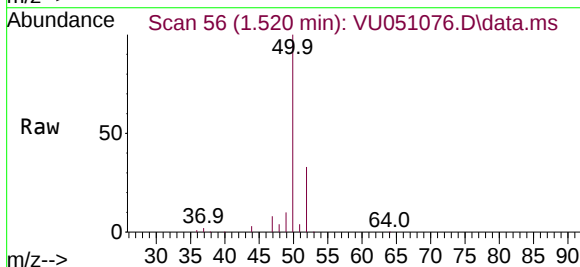
Instrument :
 MSVOA_U
 ClientSampleId :

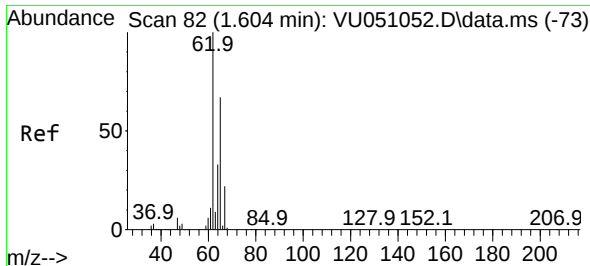
Tgt Ion: 85 Resp: 175284
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 53.346 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU051076.D
 Acq: 01 Oct 2022 08:05

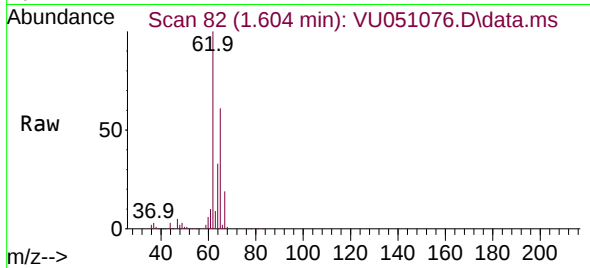
Tgt Ion: 50 Resp: 213302
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 44.1





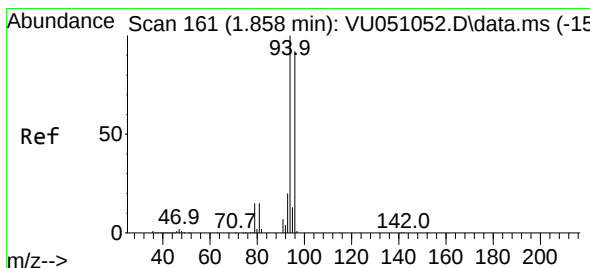
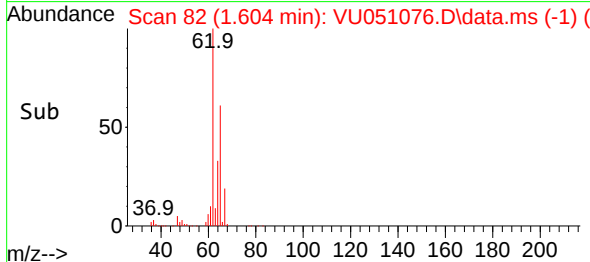
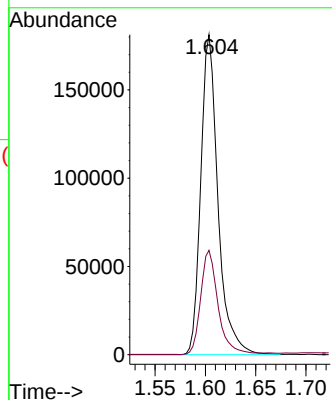
#5
 Vinyl chloride
 Concen: 50.716 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051076.D
 Acq: 01 Oct 2022 08:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 62 Resp: 215211

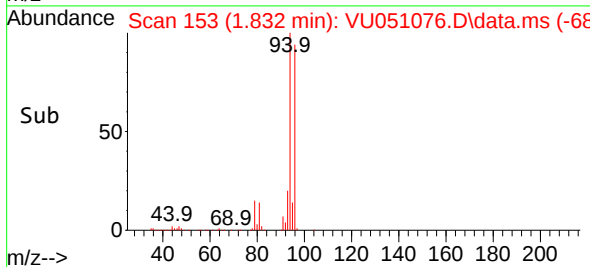
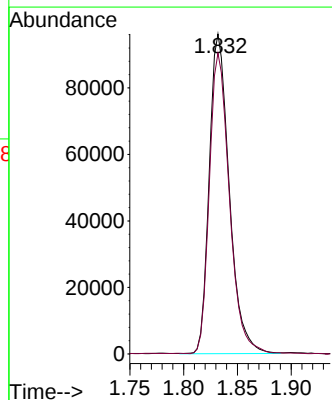
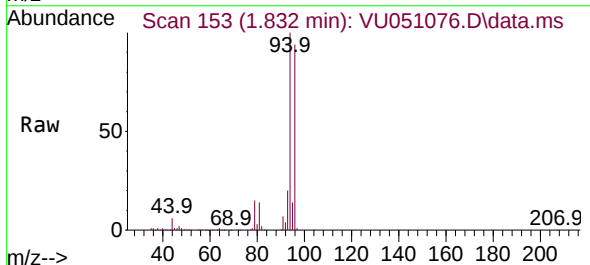
Ion	Ratio	Lower	Upper
62	100		
64	32.6	23.5	43.7

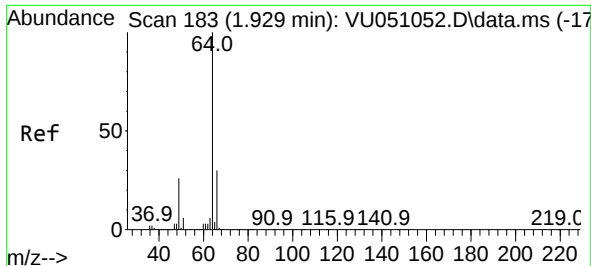


#6
 Bromomethane
 Concen: 35.397 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. -0.026 min
 Lab File: VU051076.D
 Acq: 01 Oct 2022 08:05

Tgt Ion: 94 Resp: 124421

Ion	Ratio	Lower	Upper
94	100		
96	94.0	63.9	118.7

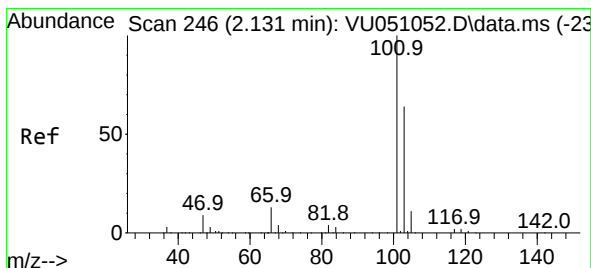
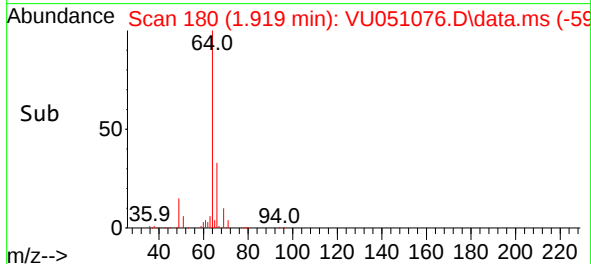
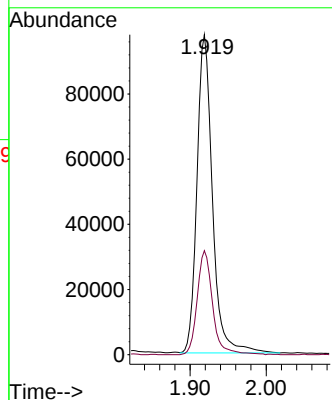
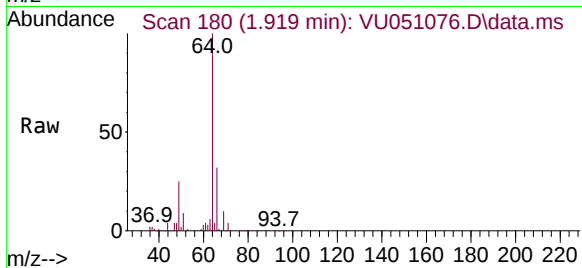




#8
Chloroethane
Concen: 44.182 ug/L
RT: 1.919 min Scan# 180
Delta R.T. -0.010 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

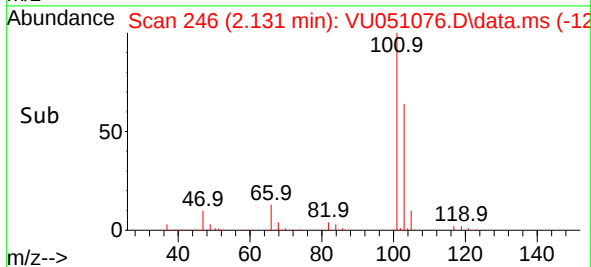
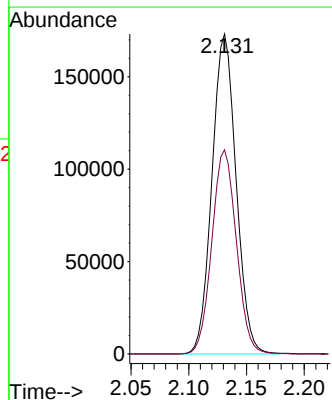
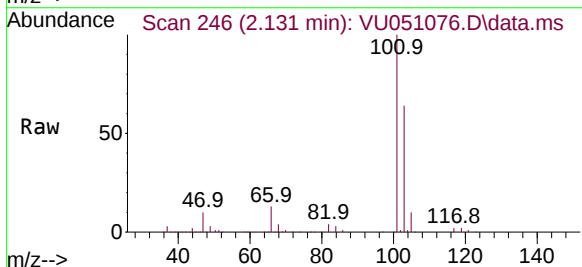
Instrument :
MSVOA_U
ClientSampleId :

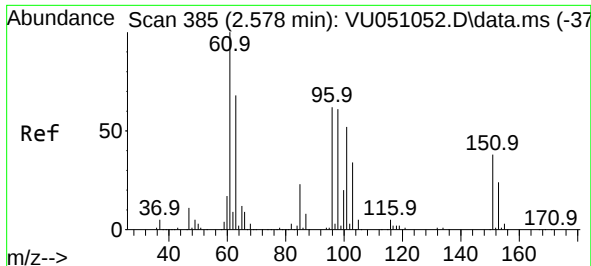
Tgt Ion: 64 Resp: 137672
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 44.111 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Tgt Ion:101 Resp: 251689
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

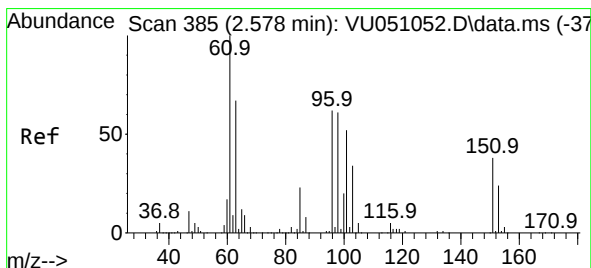
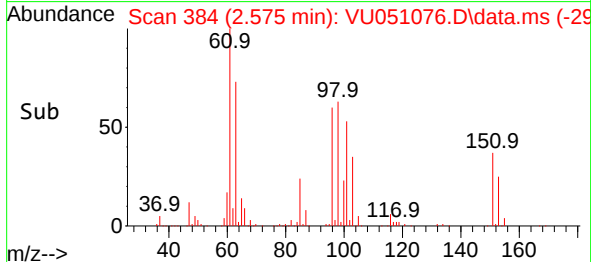
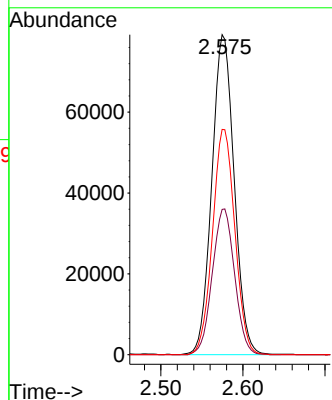
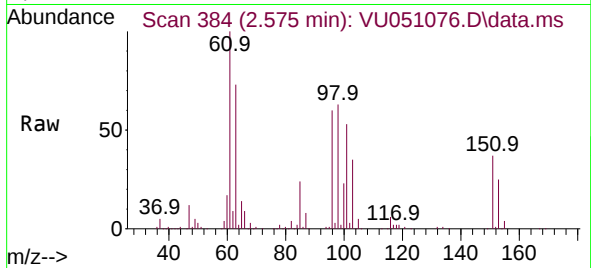




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.657 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051076.D
 Acq: 01 Oct 2022 08:05

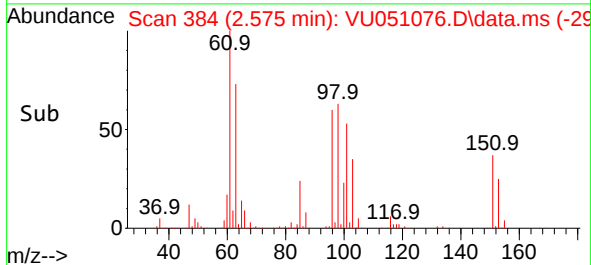
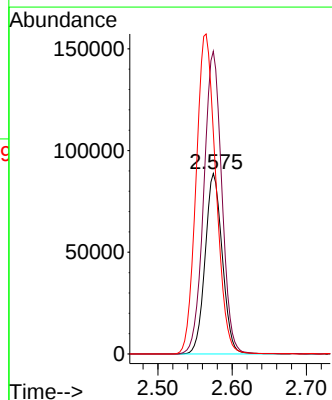
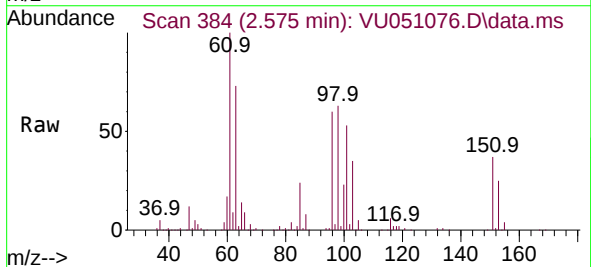
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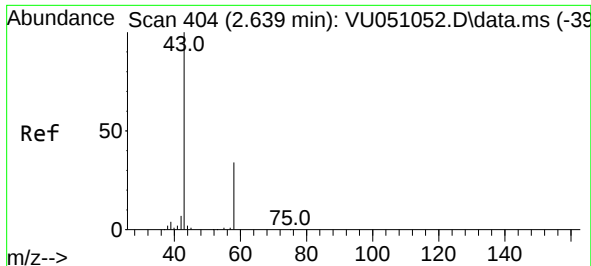
Tgt Ion:101 Resp: 149912
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.6 52.0
 151 70.3 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 49.379 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051076.D
 Acq: 01 Oct 2022 08:05

Tgt Ion: 96 Resp: 142114
 Ion Ratio Lower Upper
 96 100
 61 167.8 113.0 209.9
 63 122.9 91.7 170.3





#13

Acetone

Concen: 90.415 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.019 min

Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

Instrument :

MSVOA_U

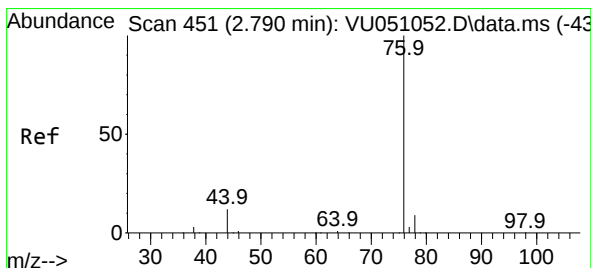
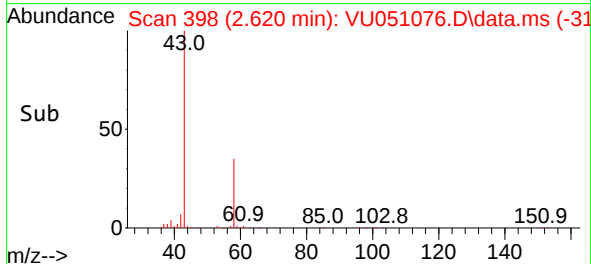
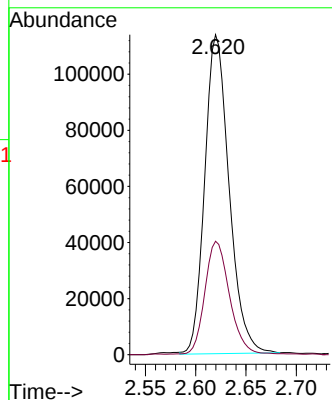
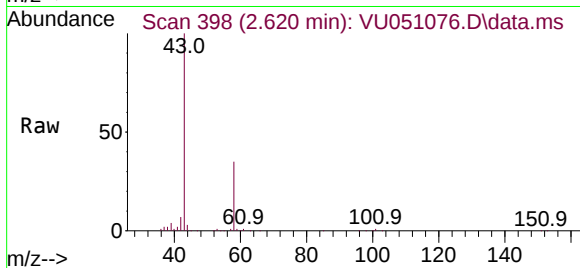
ClientSampleId :

Tgt Ion: 43 Resp: 191529

Ion Ratio Lower Upper

43 100

58 35.9 0.0 73.6



#14

Carbon disulfide

Concen: 49.272 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU051076.D

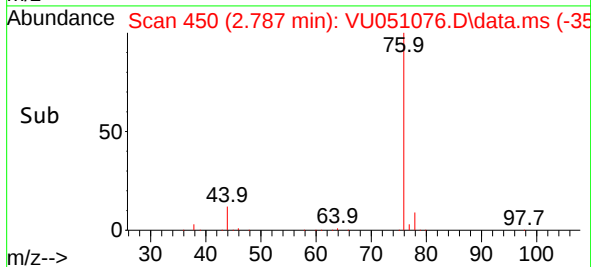
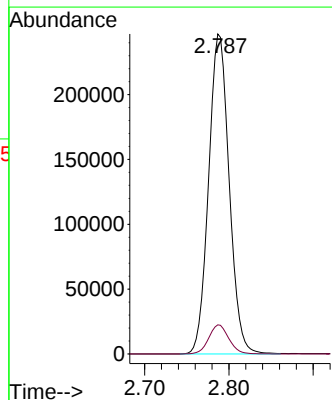
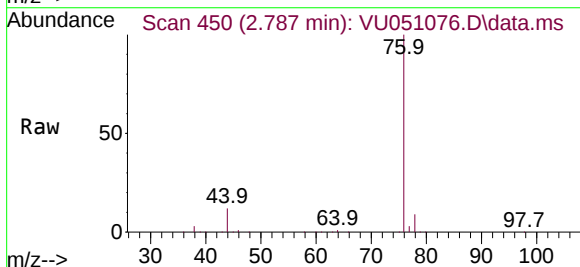
Acq: 01 Oct 2022 08:05

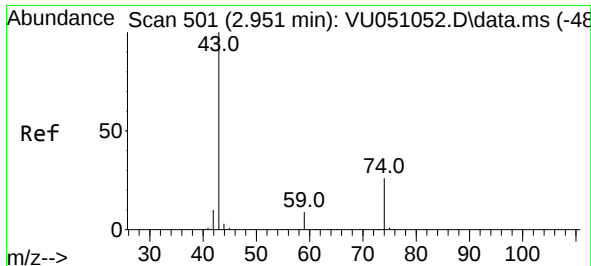
Tgt Ion: 76 Resp: 419180

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

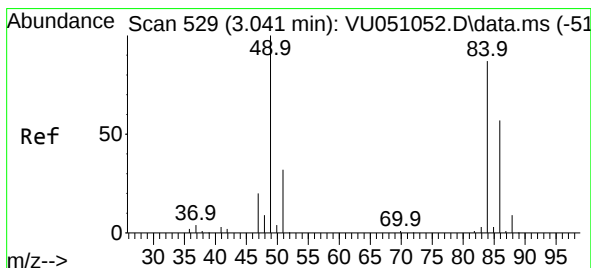
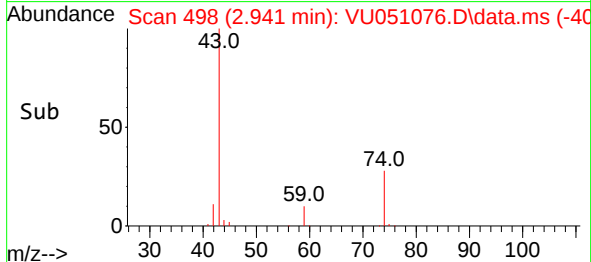
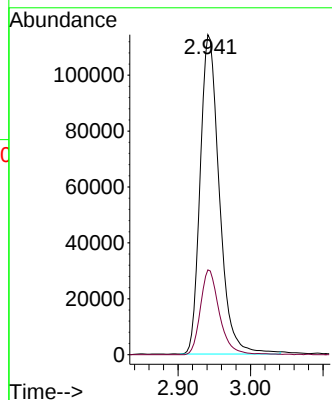
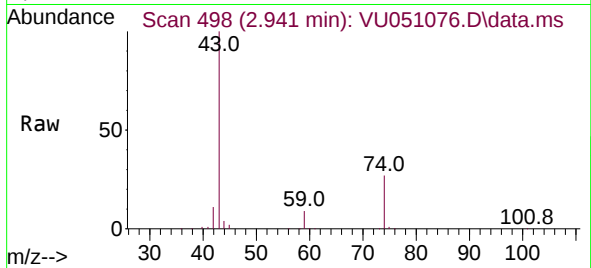




#15
Methyl Acetate
Concen: 54.195 ug/L
RT: 2.941 min Scan# 498
Delta R.T. -0.010 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

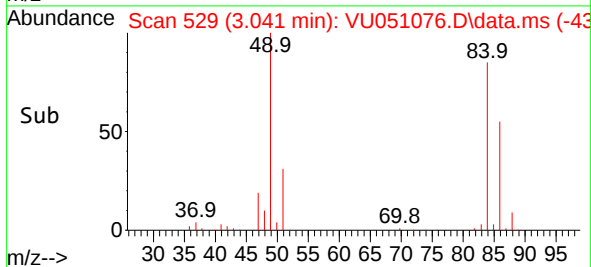
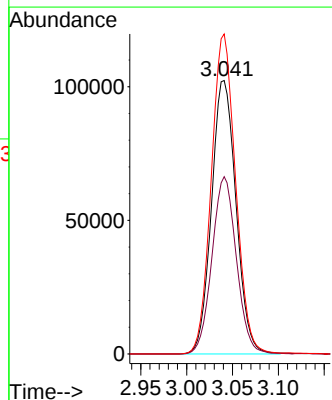
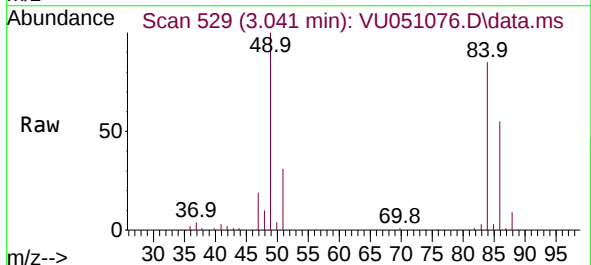
Instrument :
MSVOA_U
ClientSampleId :

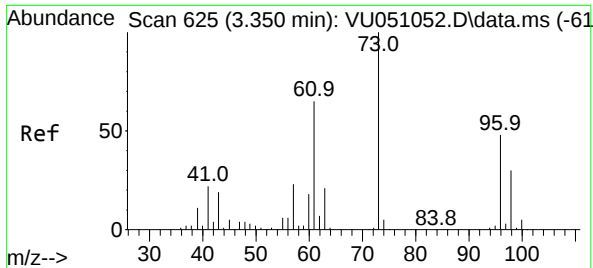
Tgt Ion: 43 Resp: 209594
Ion Ratio Lower Upper
43 100
74 26.1 22.4 33.6



#16
Methylene chloride
Concen: 46.096 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Tgt Ion: 84 Resp: 190445
Ion Ratio Lower Upper
84 100
86 64.8 45.4 84.4
49 117.0 78.3 145.3

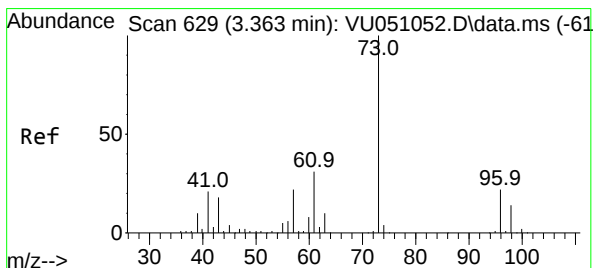
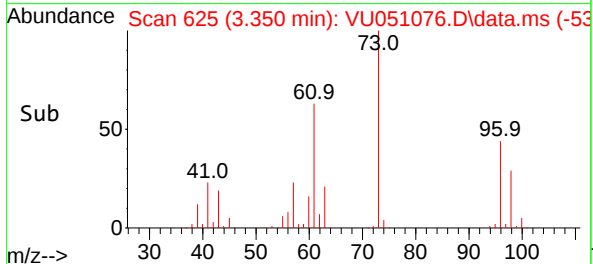
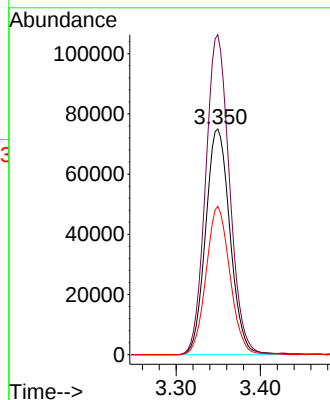
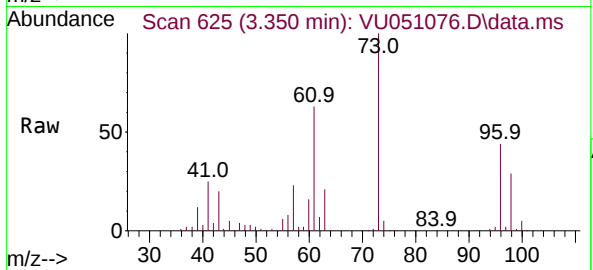




#17
trans-1,2-Dichloroethene
Concen: 49.315 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

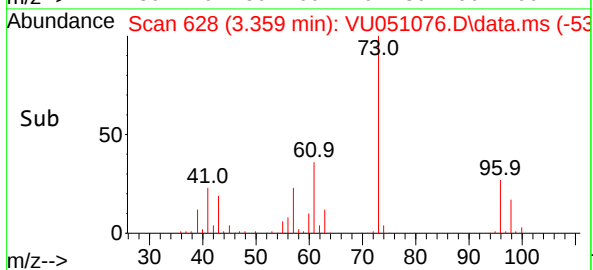
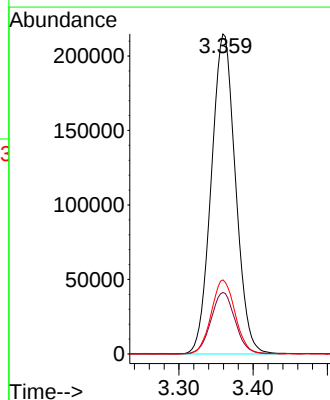
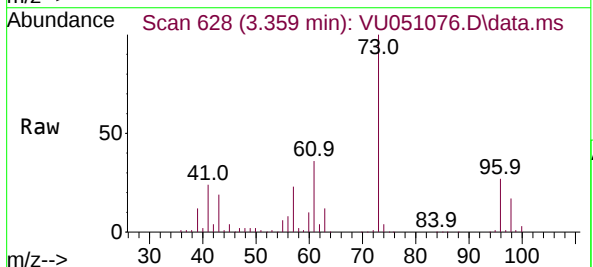
Instrument :
MSVOA_U
ClientSampleId :

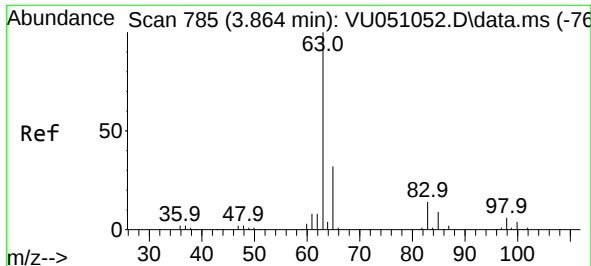
Tgt Ion: 96 Resp: 150994
Ion Ratio Lower Upper
96 100
61 141.8 95.1 176.5
98 65.7 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 52.207 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Tgt Ion: 73 Resp: 485768
Ion Ratio Lower Upper
73 100
43 19.0 14.7 22.1
57 22.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 53.506 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.000 min

Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

Instrument :

MSVOA_U

ClientSampleId :

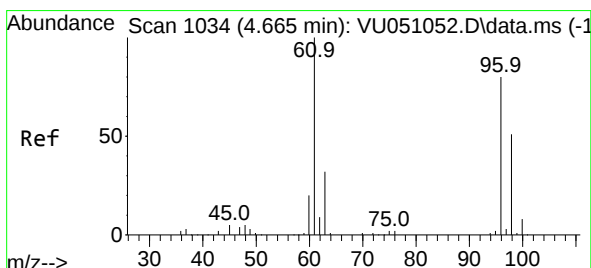
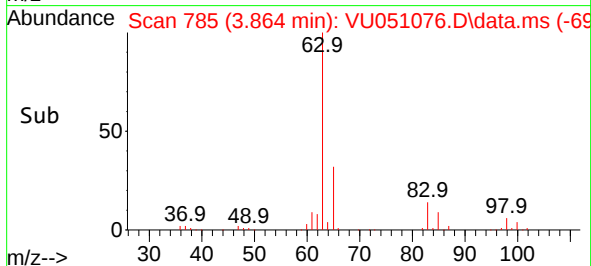
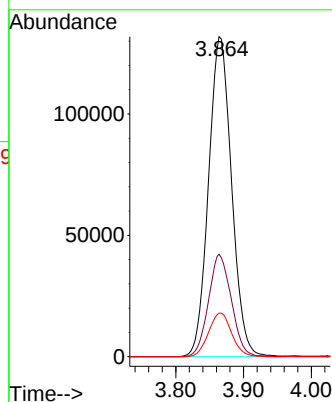
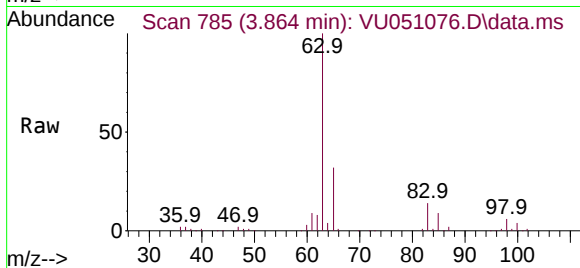
Tgt Ion: 63 Resp: 311191

Ion Ratio Lower Upper

63 100

65 32.0 22.6 42.0

83 13.6 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 51.489 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

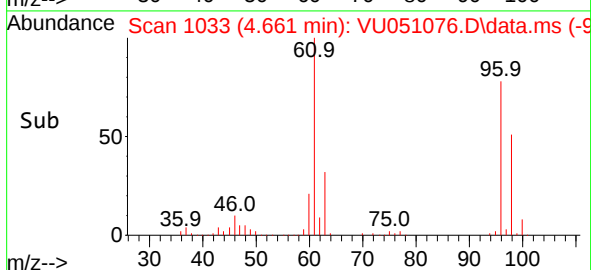
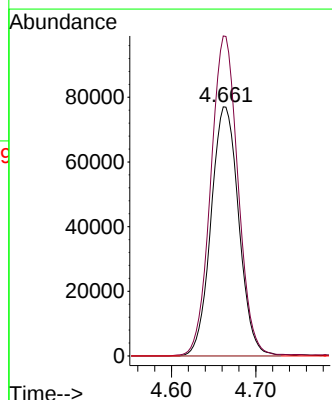
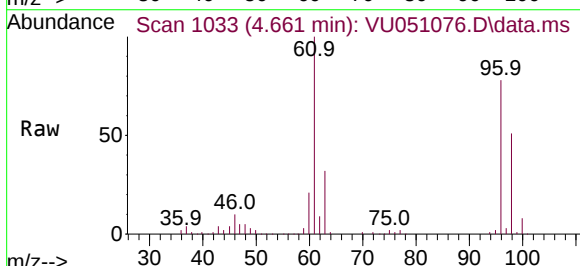
Tgt Ion: 96 Resp: 176022

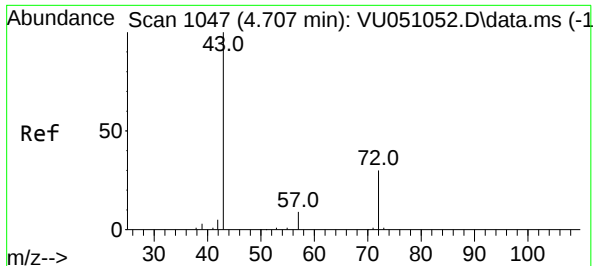
Ion Ratio Lower Upper

96 100

61 128.4 85.4 158.6

68 0.0 0.0 0.0

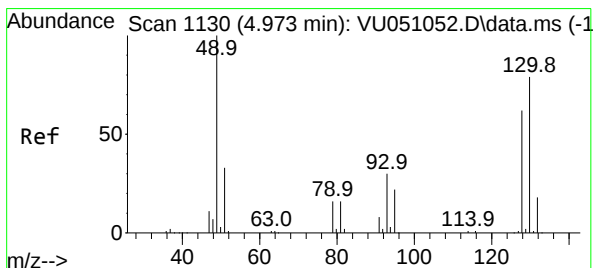
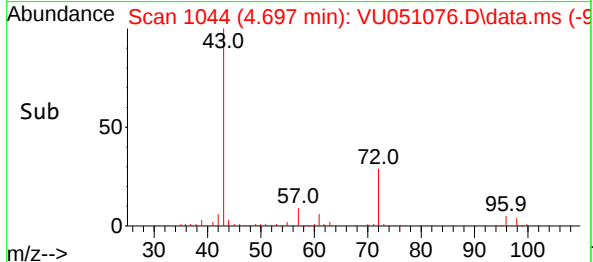
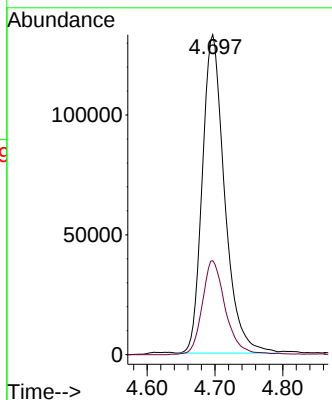
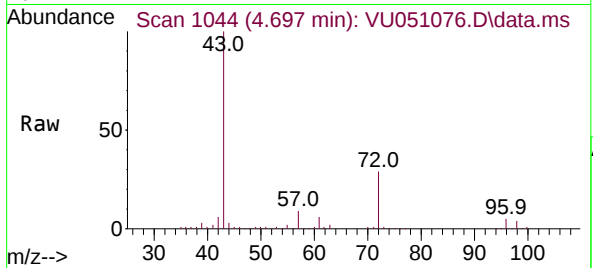




#22
2-Butanone
Concen: 103.905 ug/L
RT: 4.697 min Scan# 1104
Delta R.T. -0.010 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

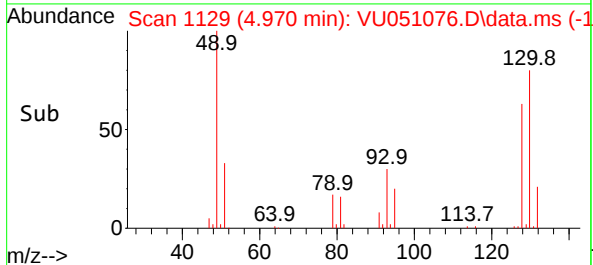
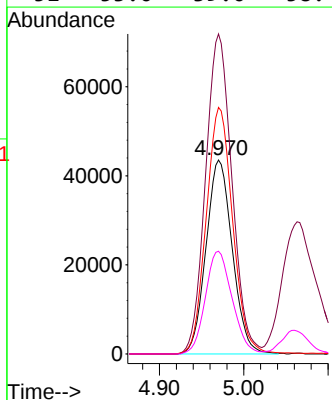
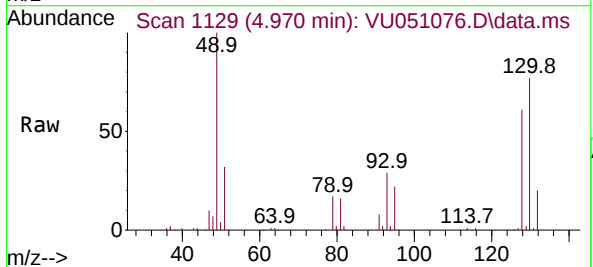
Instrument :
MSVOA_U
ClientSampleId :

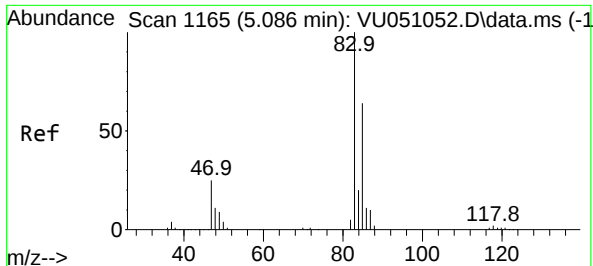
Tgt Ion: 43 Resp: 304104
Ion Ratio Lower Upper
43 100
72 30.6 15.8 47.4



#23
Bromochloromethane
Concen: 50.411 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Tgt Ion:128 Resp: 94427
Ion Ratio Lower Upper
128 100
49 165.0 106.9 198.5
130 127.1 86.2 160.0
51 53.0 39.0 58.4





#25

Chloroform

Concen: 51.985 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

Instrument :

MSVOA_U

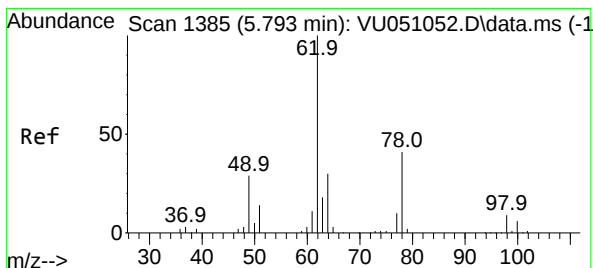
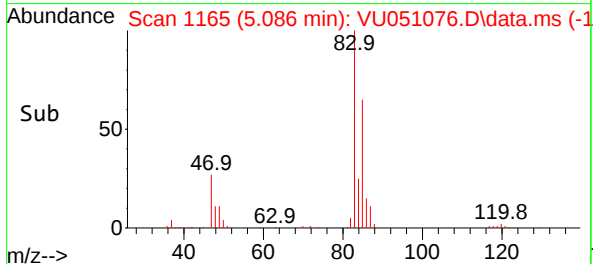
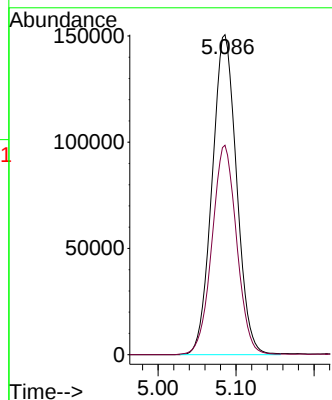
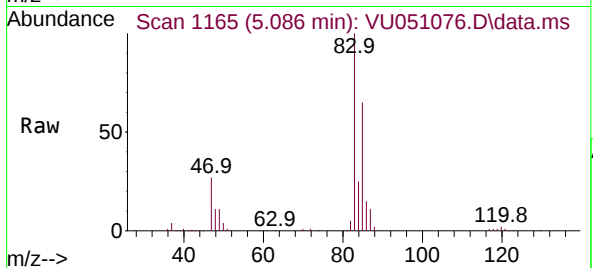
ClientSampleId :

Tgt Ion: 83 Resp: 328870

Ion Ratio Lower Upper

83 100

85 65.4 45.7 84.9



#27

1,2-Dichloroethane

Concen: 52.346 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051076.D

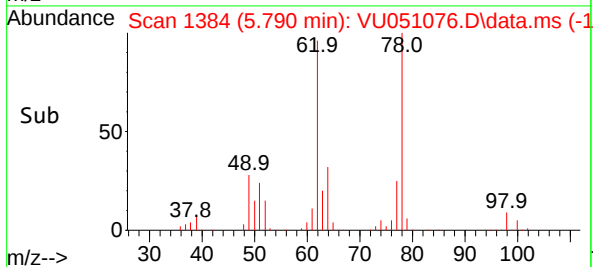
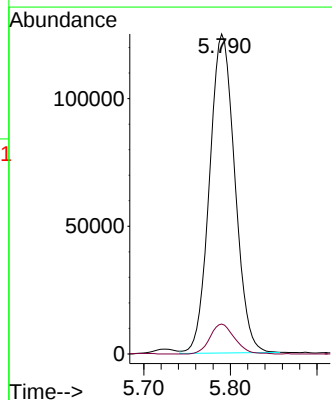
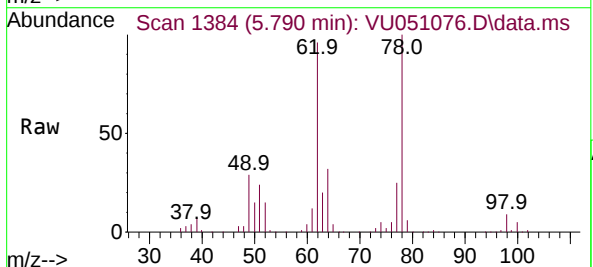
Acq: 01 Oct 2022 08:05

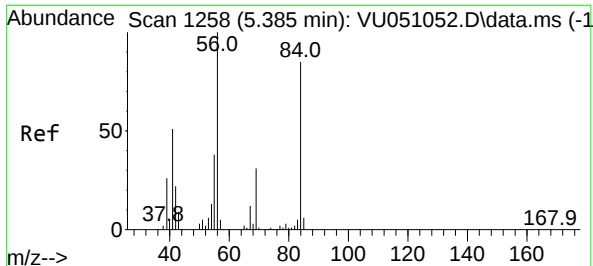
Tgt Ion: 62 Resp: 253674

Ion Ratio Lower Upper

62 100

98 9.4 7.3 10.9





#29

Cyclohexane

Concen: 55.685 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

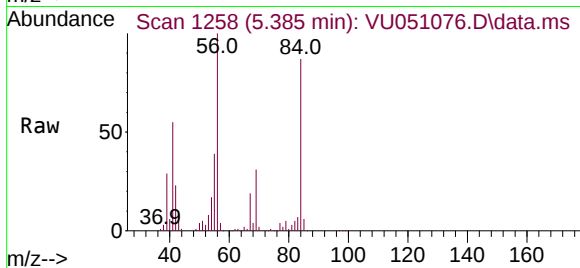
Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

Instrument :

MSVOA_U

ClientSampleId :



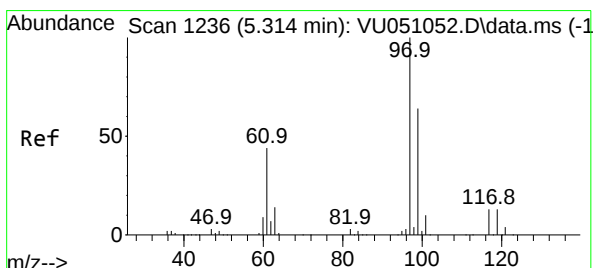
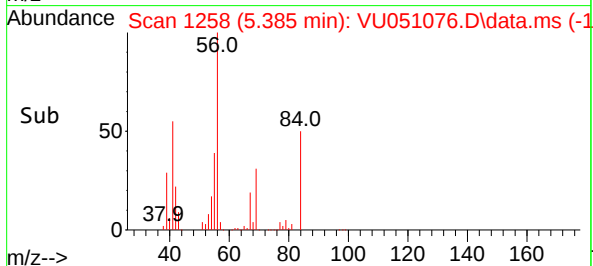
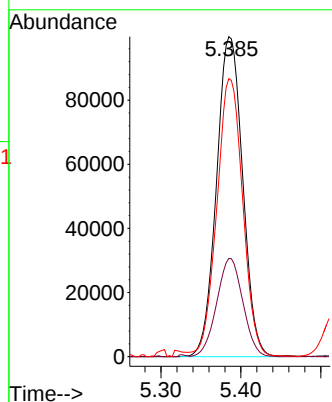
Tgt Ion: 56 Resp: 226421

Ion Ratio Lower Upper

56 100

69 30.7 24.8 37.2

84 85.4 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 52.767 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

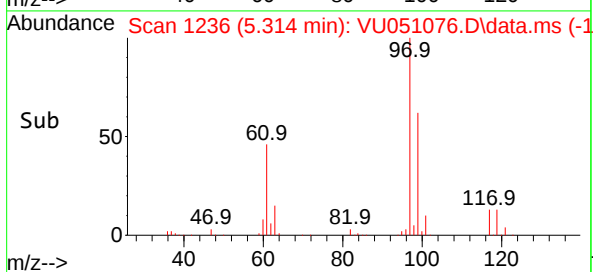
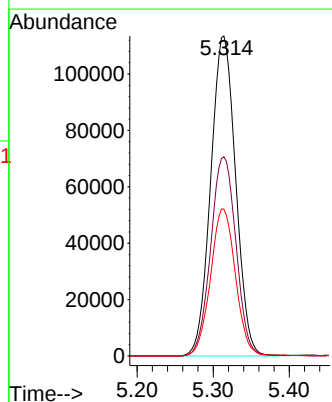
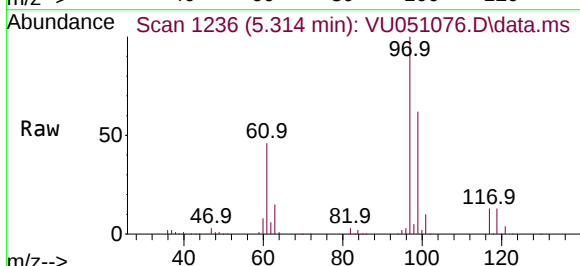
Tgt Ion: 97 Resp: 258426

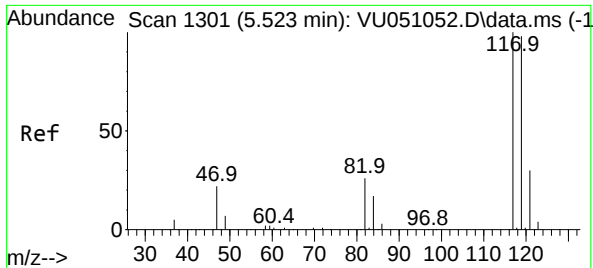
Ion Ratio Lower Upper

97 100

99 63.1 51.4 77.2

61 45.9 36.0 54.0

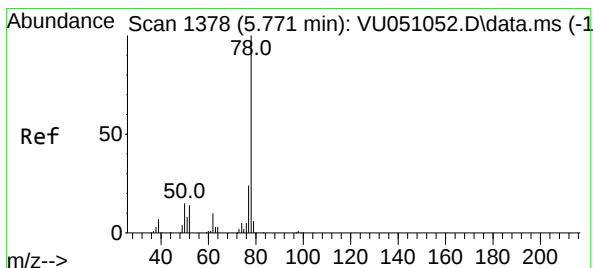
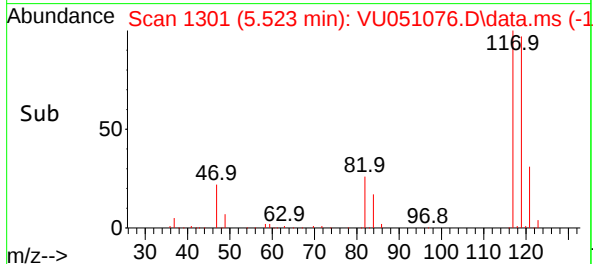
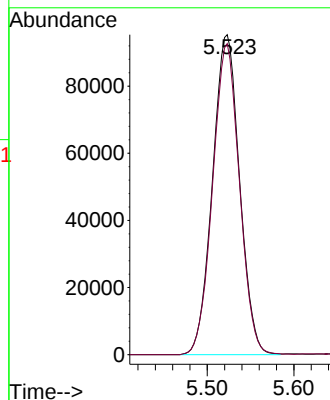
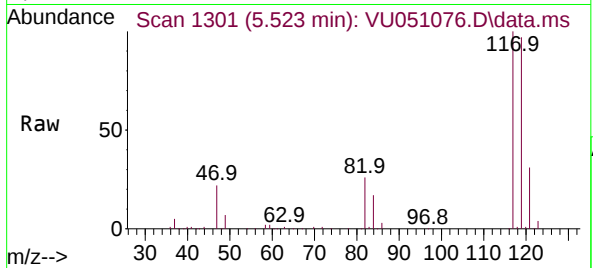




#31
Carbon tetrachloride
Concen: 51.802 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

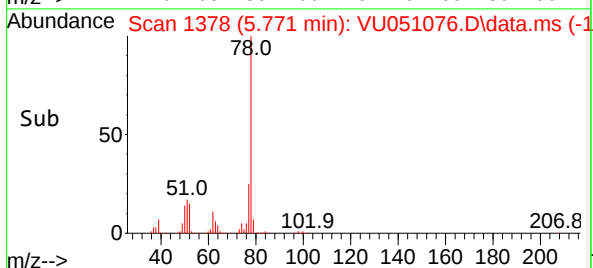
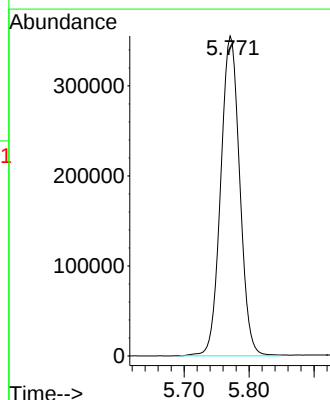
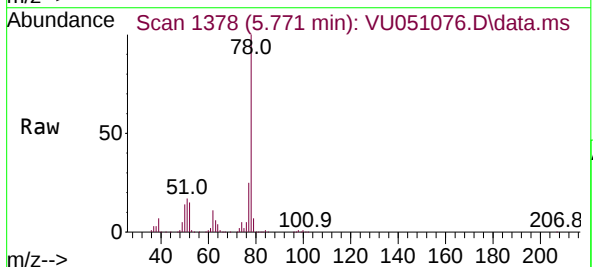
Instrument :
MSVOA_U
ClientSampleId :

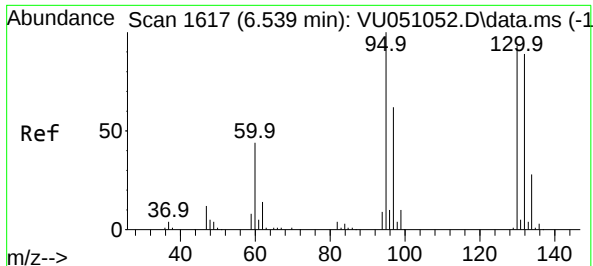
Tgt Ion:117 Resp: 206993
Ion Ratio Lower Upper
117 100
119 96.3 75.7 113.5



#33
Benzene
Concen: 56.678 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Tgt Ion: 78 Resp: 721577

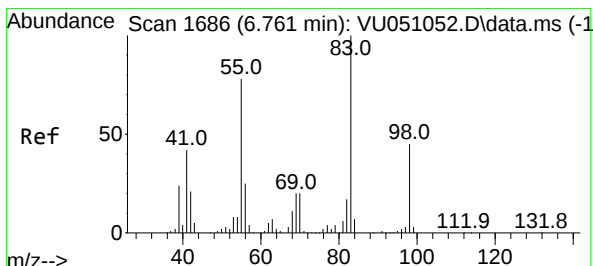
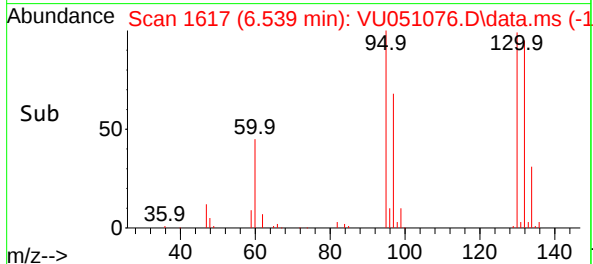
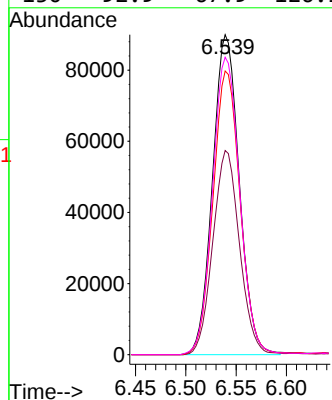
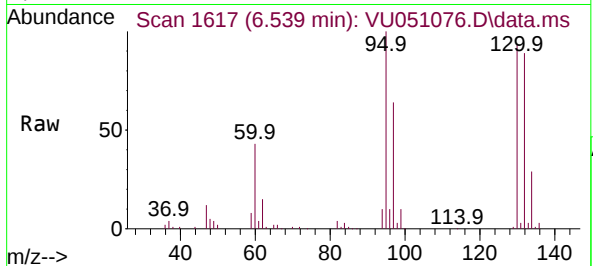




#34
Trichloroethene
Concen: 50.417 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

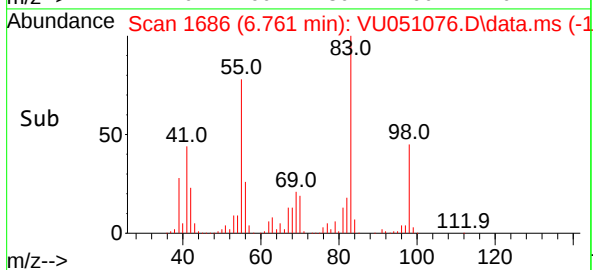
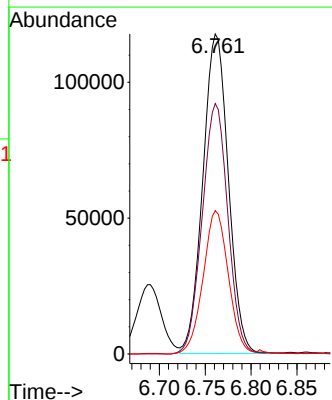
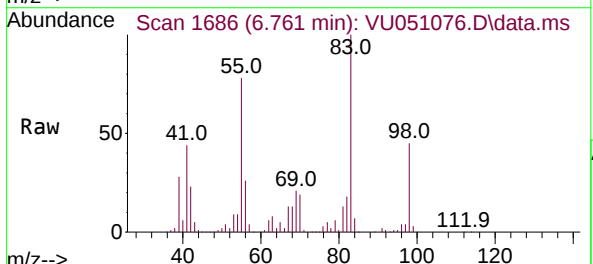
Instrument :
MSVOA_U
ClientSampleId :

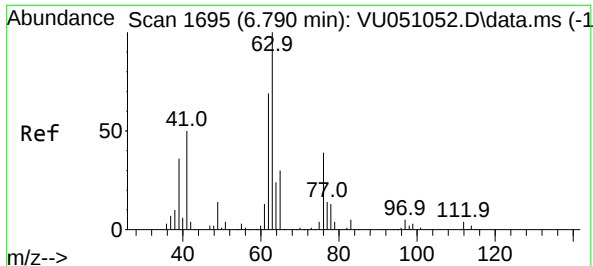
Tgt Ion: 95 Resp: 166250
Ion Ratio Lower Upper
95 100
97 63.8 45.9 85.3
132 88.6 64.0 119.0
130 92.9 67.9 126.1



#35
Methylcyclohexane
Concen: 50.737 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Tgt Ion: 83 Resp: 227709
Ion Ratio Lower Upper
83 100
55 78.7 59.3 88.9
98 44.3 36.0 54.0





#37

1,2-Dichloropropane

Concen: 56.781 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

Instrument :

MSVOA_U

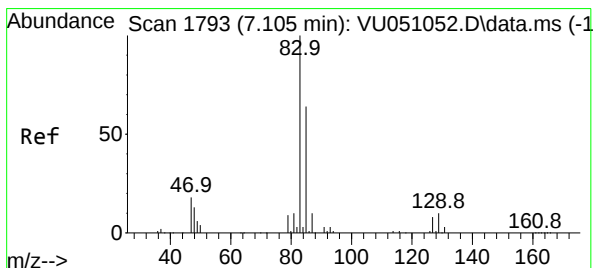
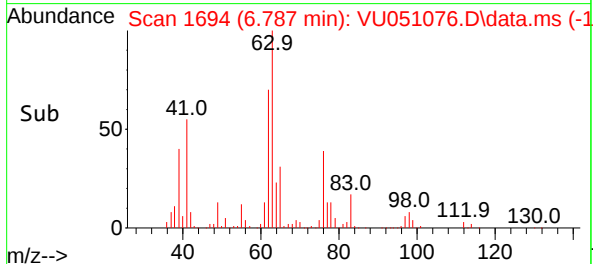
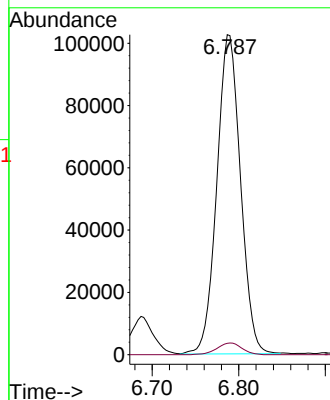
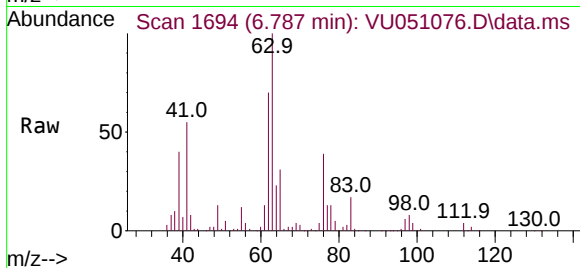
ClientSampleId :

Tgt Ion: 63 Resp: 194666

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 53.110 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

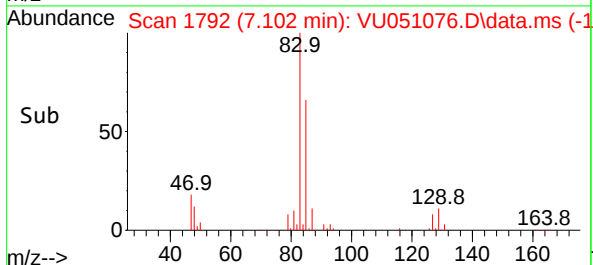
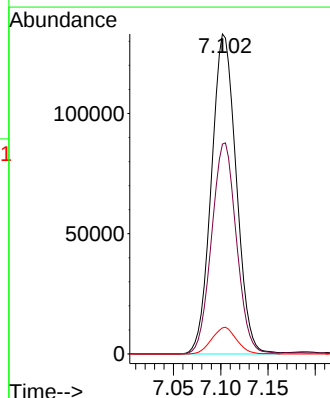
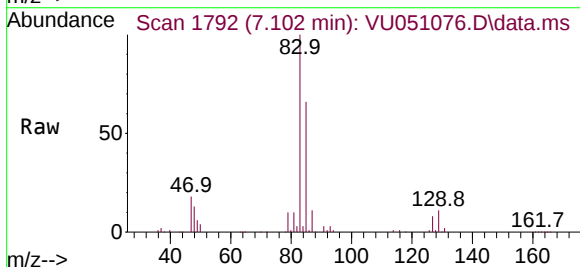
Tgt Ion: 83 Resp: 242995

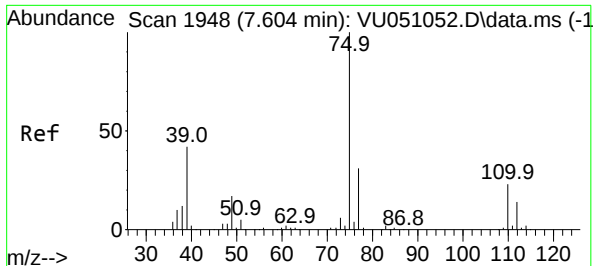
Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.7

127 8.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 49.708 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

Instrument :

MSVOA_U

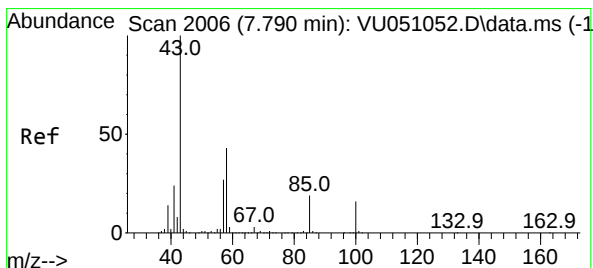
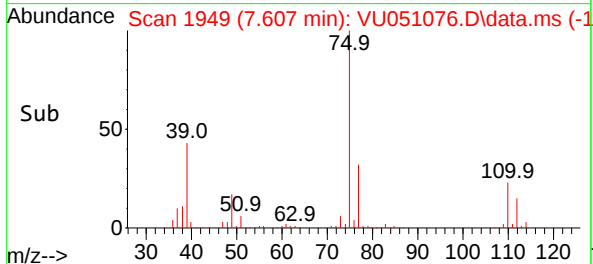
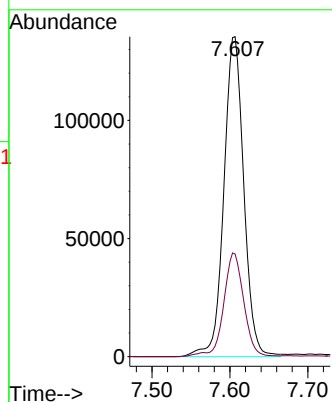
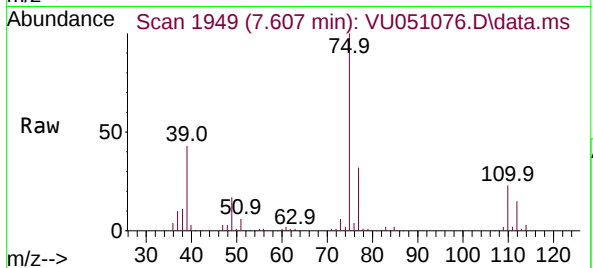
ClientSampleId :

Tgt Ion: 75 Resp: 241348

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 118.237 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

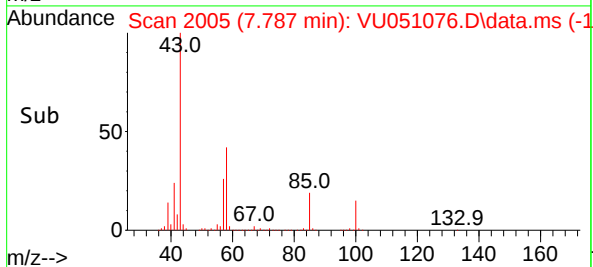
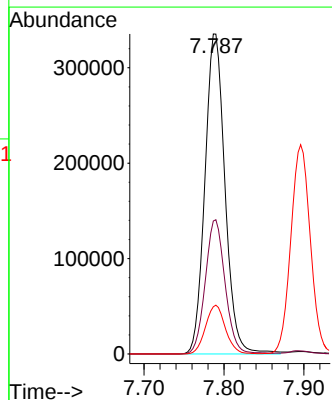
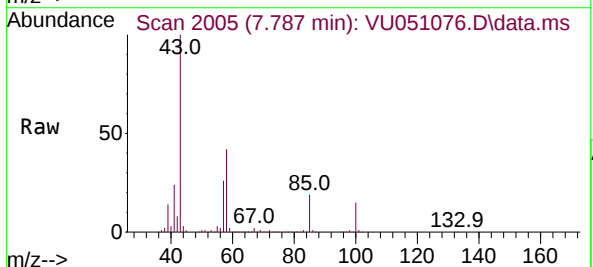
Tgt Ion: 43 Resp: 587041

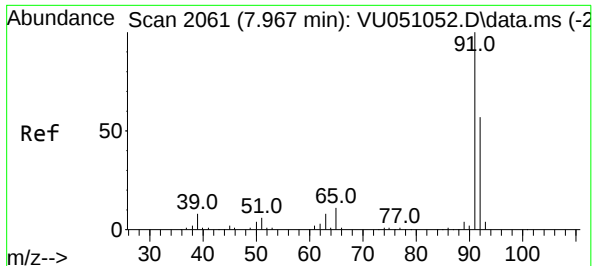
Ion Ratio Lower Upper

43 100

58 41.4 35.0 52.4

100 15.1 13.3 19.9





#42

Toluene

Concen: 55.449 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

Instrument :

MSVOA_U

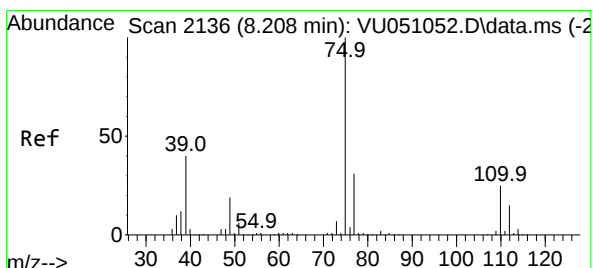
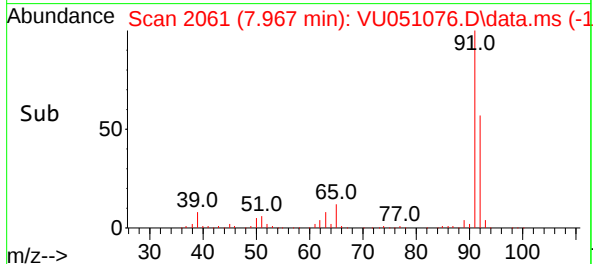
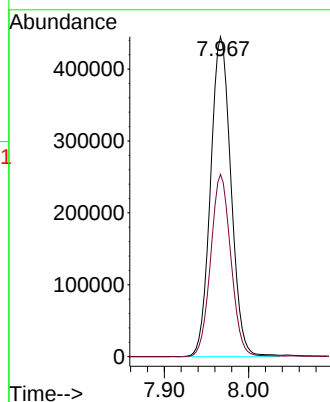
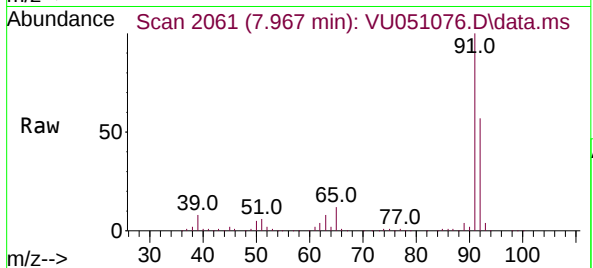
ClientSampleId :

Tgt Ion: 91 Resp: 750866

Ion Ratio Lower Upper

91 100

92 57.0 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 48.528 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051076.D

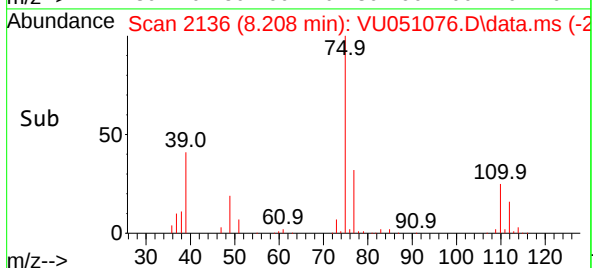
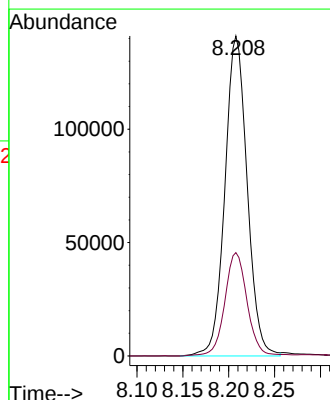
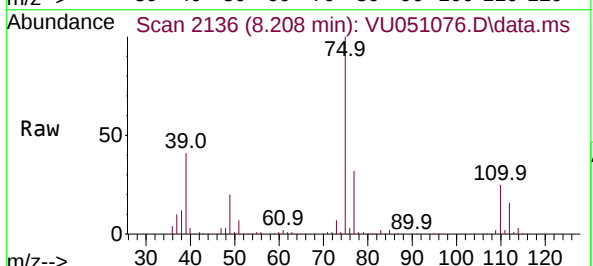
Acq: 01 Oct 2022 08:05

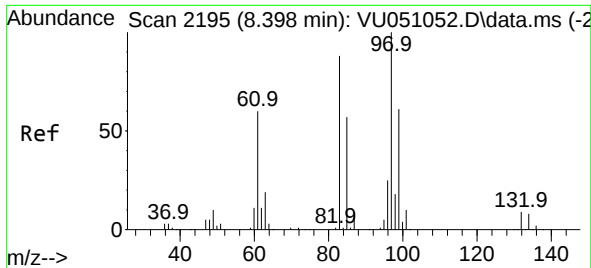
Tgt Ion: 75 Resp: 238234

Ion Ratio Lower Upper

75 100

77 32.3 22.7 42.3



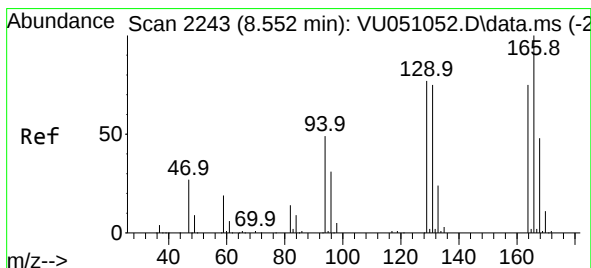
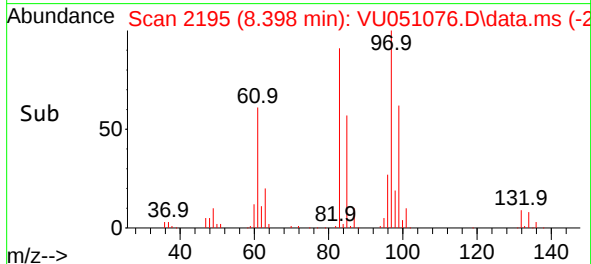
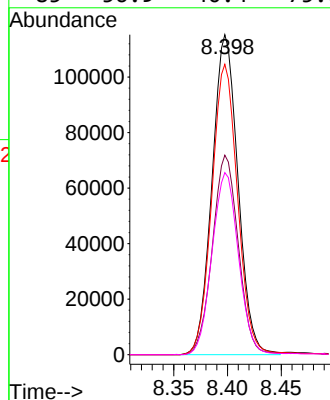
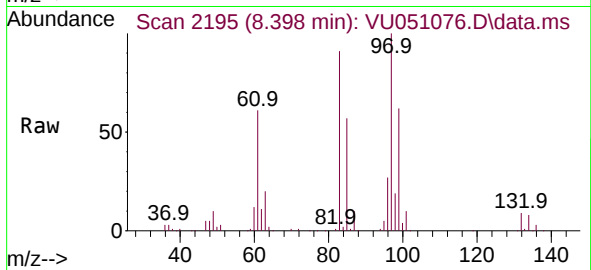


#45
1,1,2-Trichloroethane
Concen: 51.993 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 193079

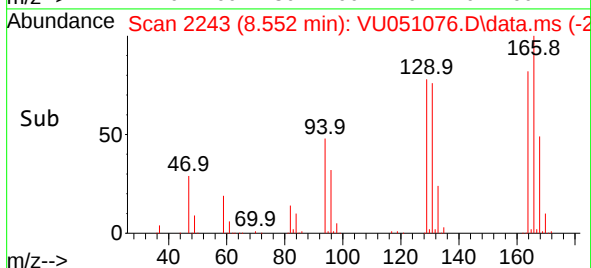
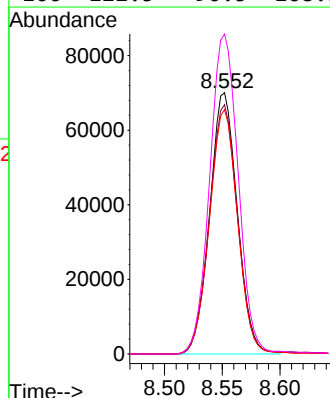
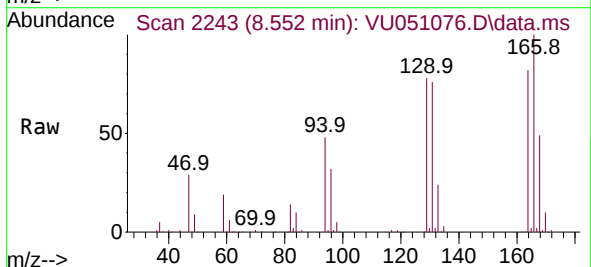
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.4	82.4
83	90.8	61.7	114.5
85	56.9	40.4	75.0

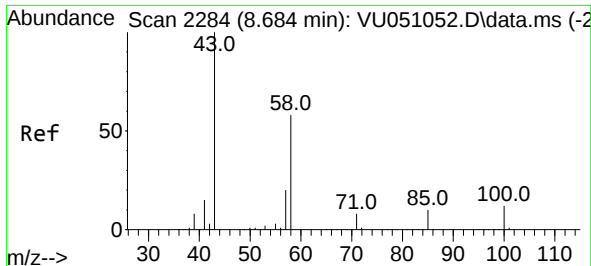


#46
Tetrachloroethene
Concen: 46.668 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Tgt Ion: 164 Resp: 116621

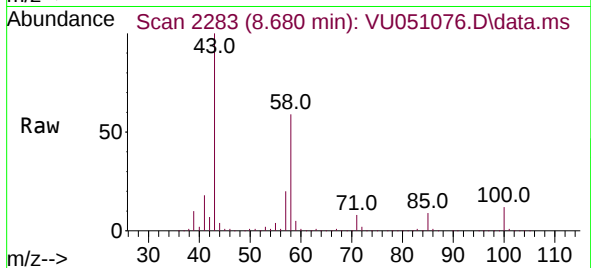
Ion	Ratio	Lower	Upper
164	100		
129	95.4	68.1	126.5
131	93.5	67.8	126.0
166	122.5	90.5	168.1



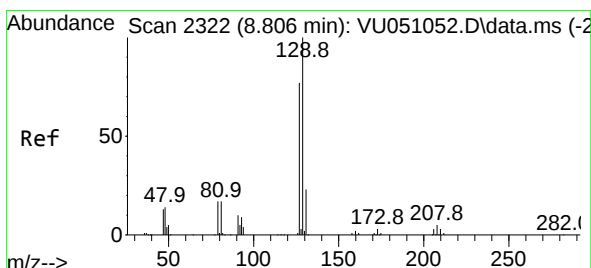
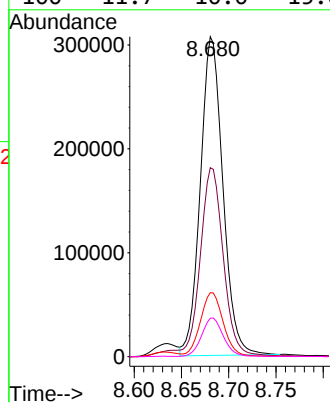
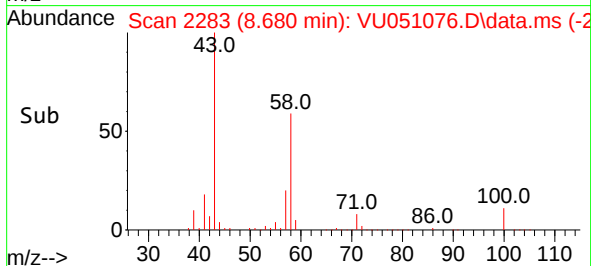


#48
2-Hexanone
Concen: 112.952 ug/L
RT: 8.680 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

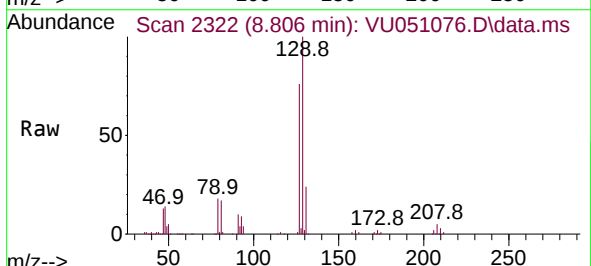
Instrument :
MSVOA_U
ClientSampleId :



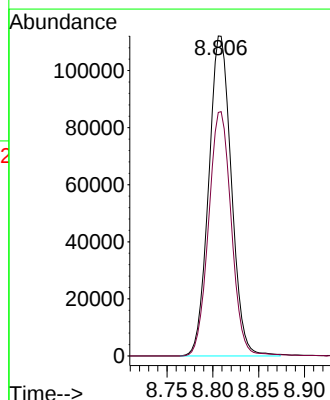
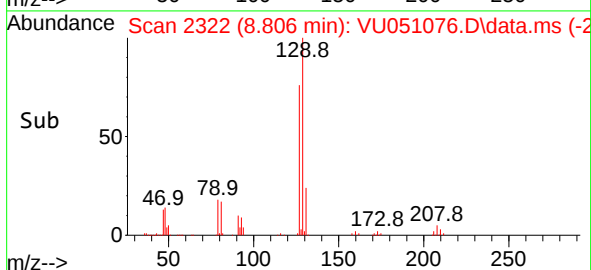
Tgt Ion: 43	Resp: 509373
Ion Ratio	Lower Upper
43 100	
58 62.4	48.3 72.5
57 20.2	15.9 23.9
100 11.7	10.0 15.0

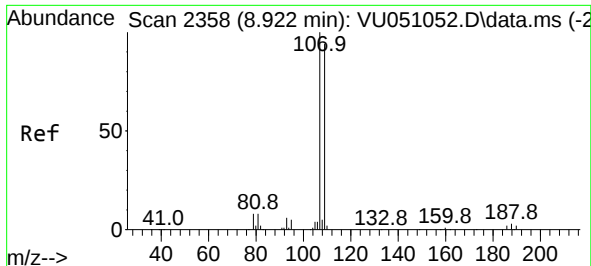


#49
Dibromochloromethane
Concen: 49.471 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05



Tgt Ion:129	Resp: 193152		
Ion Ratio	Lower	Upper	
129 100			
127 76.1	52.8	98.0	





#50

1,2-Dibromoethane

Concen: 50.227 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

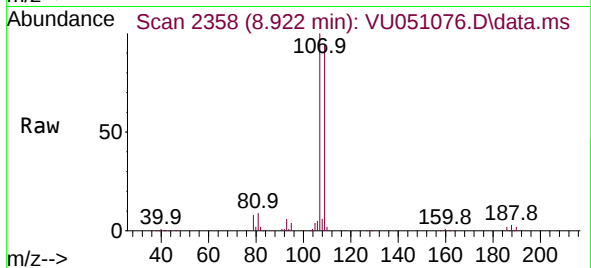
Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

Instrument :

MSVOA_U

ClientSampleId :



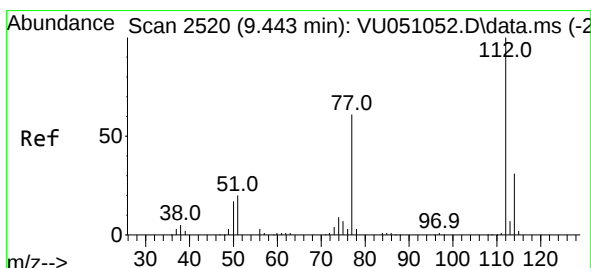
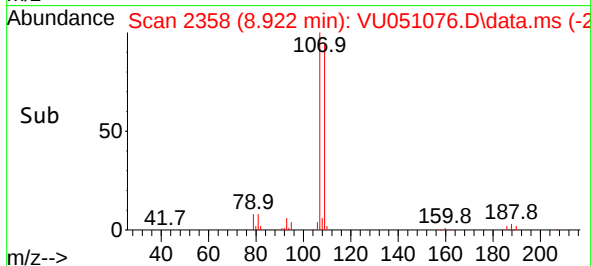
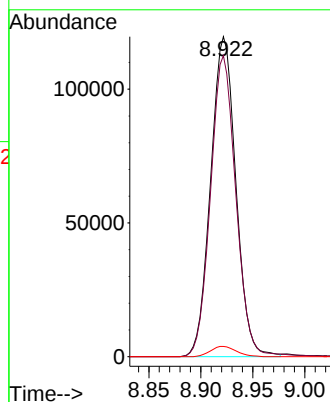
Tgt Ion:107 Resp: 202226

Ion Ratio Lower Upper

107 100

109 94.1 64.1 119.1

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 49.542 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU051076.D

Acq: 01 Oct 2022 08:05

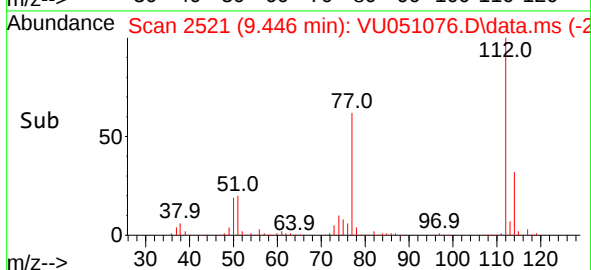
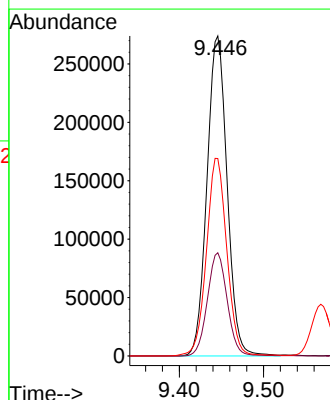
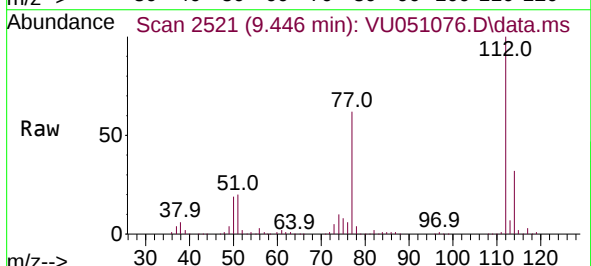
Tgt Ion:112 Resp: 456230

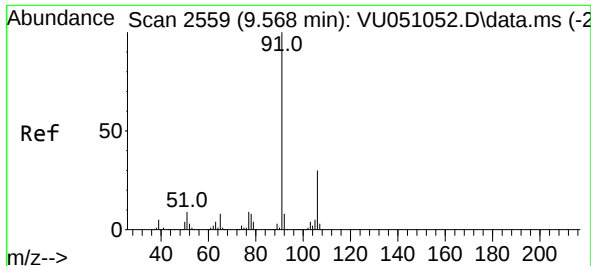
Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.3

77 61.7 48.2 72.2

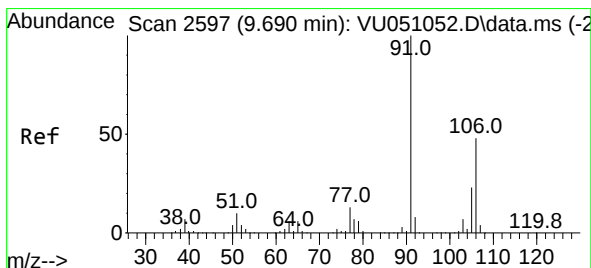
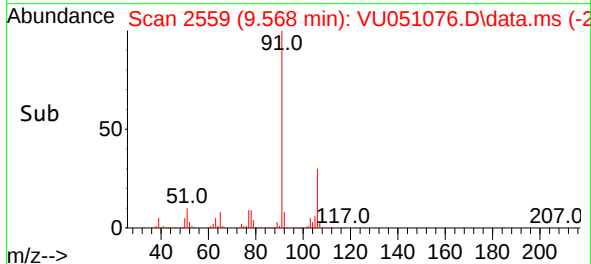
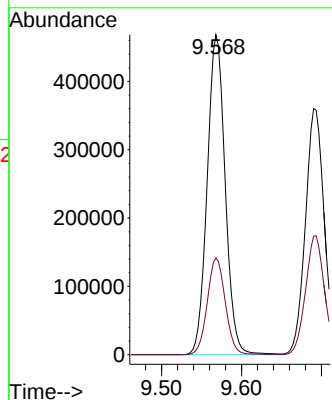
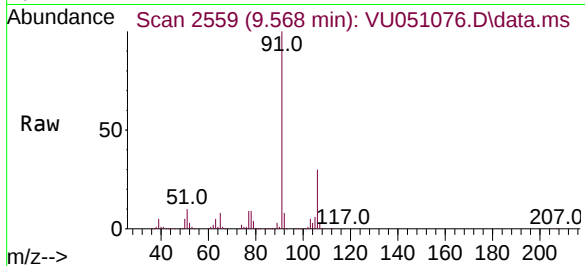




#52
Ethylbenzene
Concen: 50.823 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

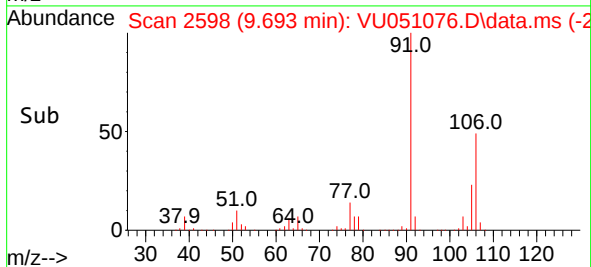
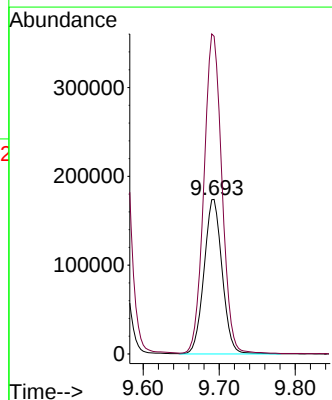
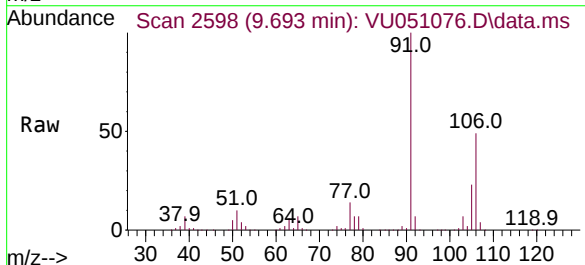
Instrument :
MSVOA_U
ClientSampleId :

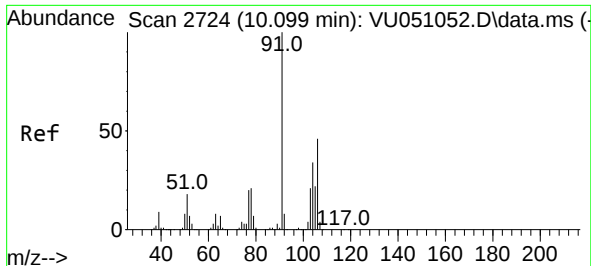
Tgt Ion: 91 Resp: 734109
Ion Ratio Lower Upper
91 100
106 30.3 21.7 40.3



#53
m,p-Xylene
Concen: 53.064 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Tgt Ion: 106 Resp: 288232
Ion Ratio Lower Upper
106 100
91 205.6 141.9 263.5

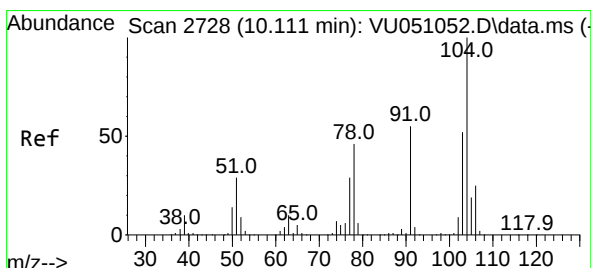
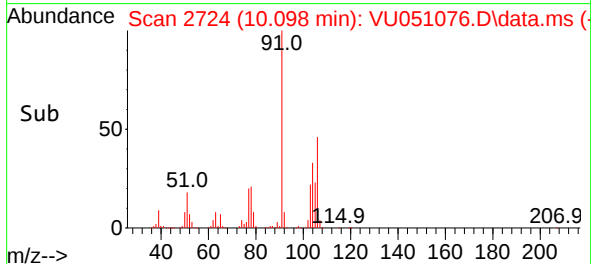
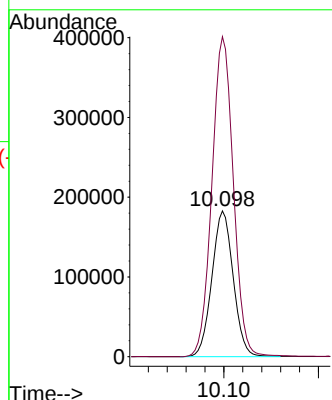
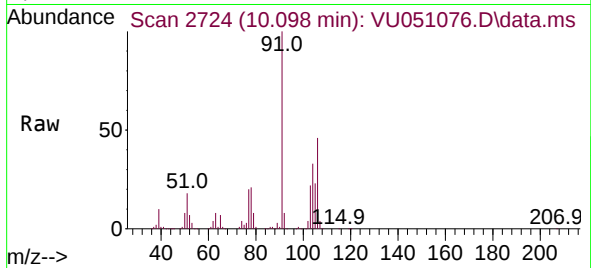




#54
o-Xylene
Concen: 52.702 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

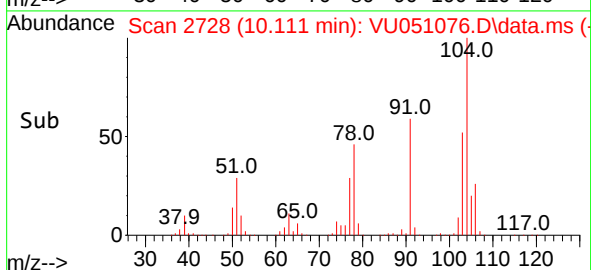
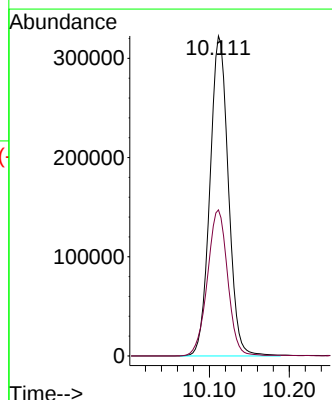
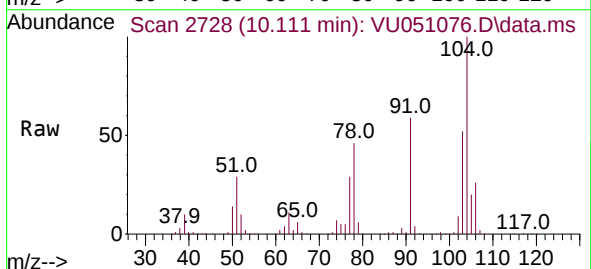
Instrument :
MSVOA_U
ClientSampleId :

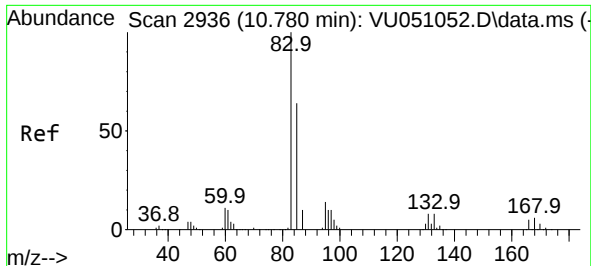
Tgt Ion:106 Resp: 286127
Ion Ratio Lower Upper
106 100
91 219.6 152.4 283.0



#55
Styrene
Concen: 55.166 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Tgt Ion:104 Resp: 517653
Ion Ratio Lower Upper
104 100
78 45.7 31.0 57.6

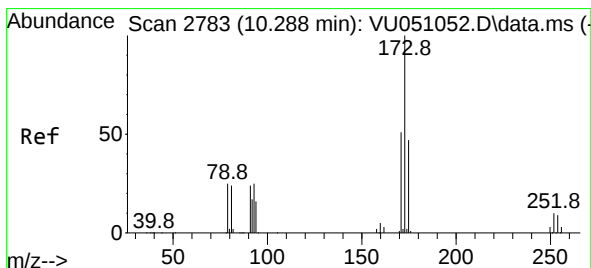
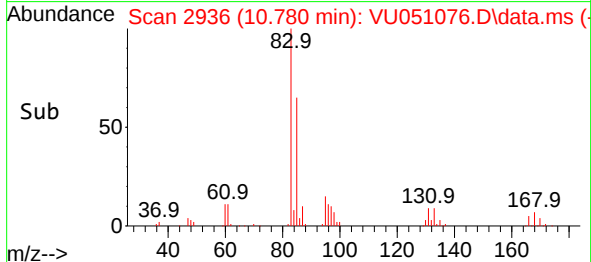
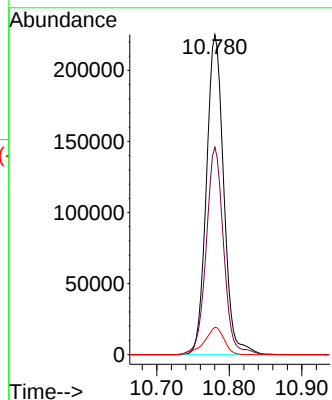
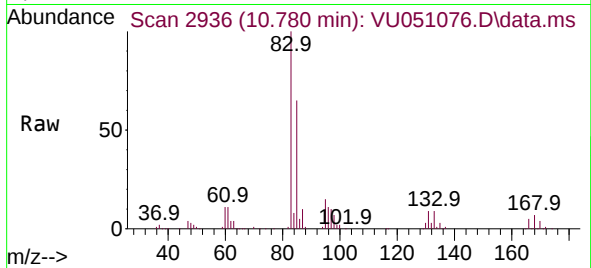




#57
 1,1,2,2-Tetrachloroethane
 Concen: 56.920 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VU051076.D
 Acq: 01 Oct 2022 08:05

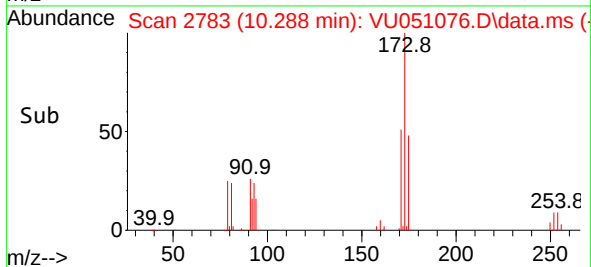
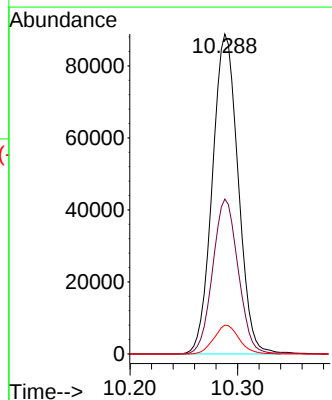
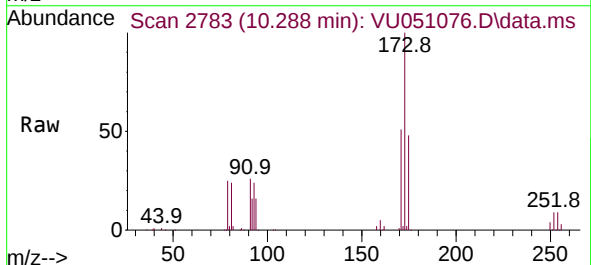
Instrument :
 MSVOA_U
 ClientSampleId :

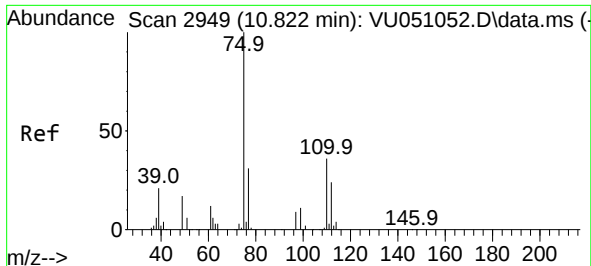
Tgt Ion: 83 Resp: 374091
 Ion Ratio Lower Upper
 83 100
 85 64.9 44.7 83.1
 131 8.6 7.0 10.4



#59
 Bromoform
 Concen: 47.875 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. -0.000 min
 Lab File: VU051076.D
 Acq: 01 Oct 2022 08:05

Tgt Ion: 173 Resp: 147760
 Ion Ratio Lower Upper
 173 100
 175 47.8 39.4 59.0
 254 8.8 7.4 11.0

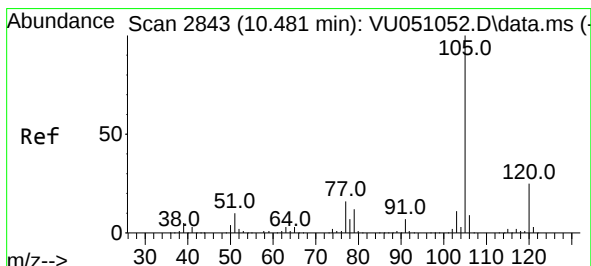
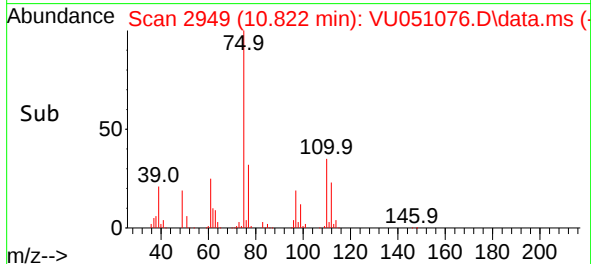
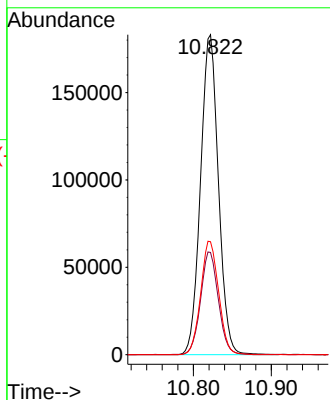
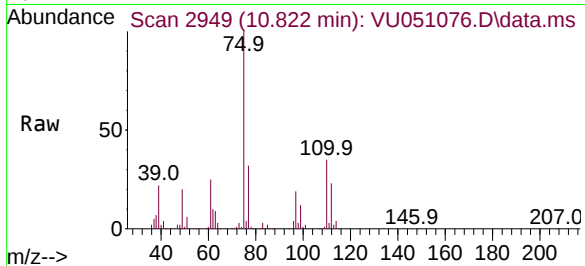




#60
1,2,3-Trichloropropane
Concen: 52.839 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

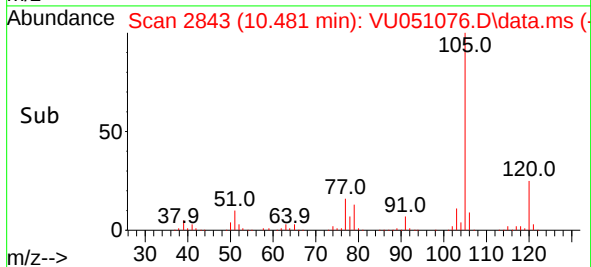
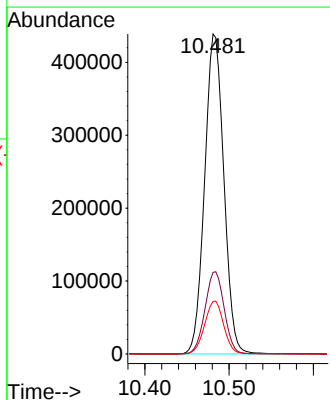
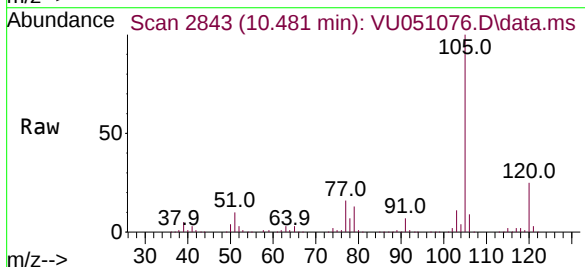
Instrument :
MSVOA_U
ClientSampleId :

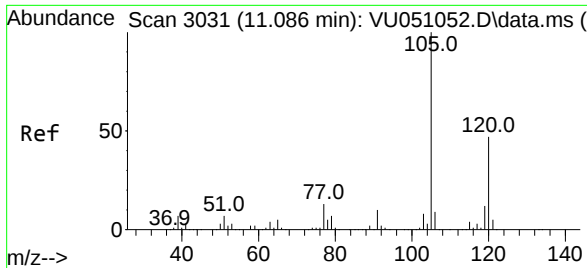
Tgt Ion: 75 Resp: 291673
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
110 35.6 30.0 45.0



#61
Isopropylbenzene
Concen: 51.045 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Tgt Ion: 105 Resp: 695557
Ion Ratio Lower Upper
105 100
120 25.8 21.1 31.7
77 16.5 12.8 19.2

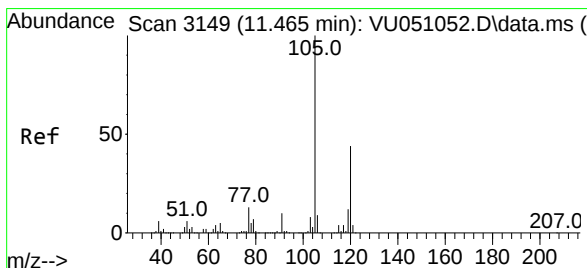
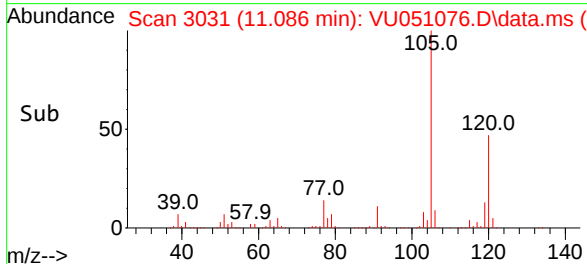
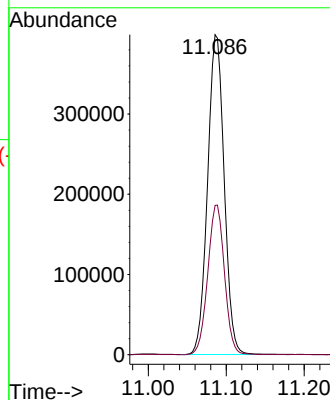
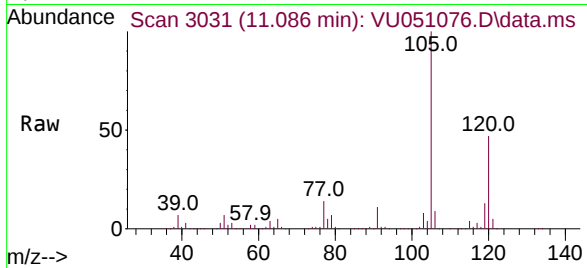




#62
 1,3,5-Trimethylbenzene
 Concen: 53.016 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051076.D
 Acq: 01 Oct 2022 08:05

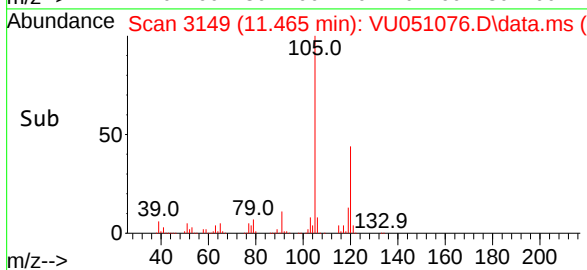
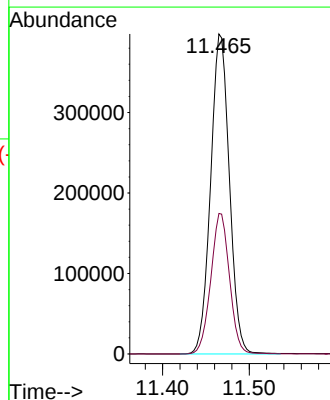
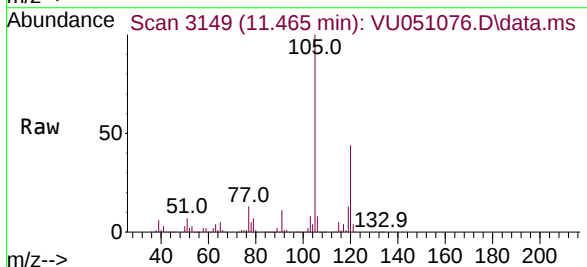
Instrument :
 MSVOA_U
 ClientSampleId :

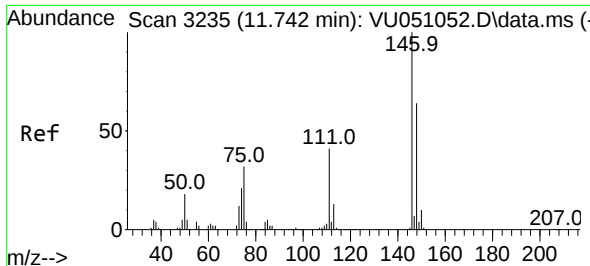
Tgt Ion:105 Resp: 590725
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 53.603 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU051076.D
 Acq: 01 Oct 2022 08:05

Tgt Ion:105 Resp: 598618
 Ion Ratio Lower Upper
 105 100
 120 43.8 35.5 53.3

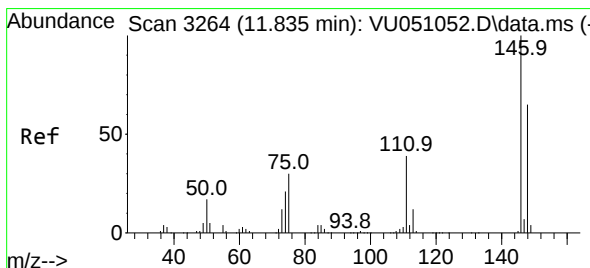
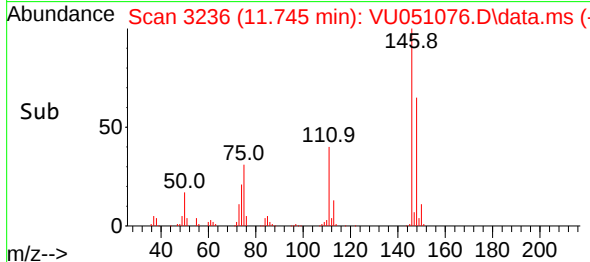
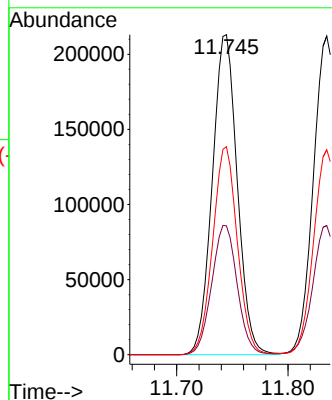
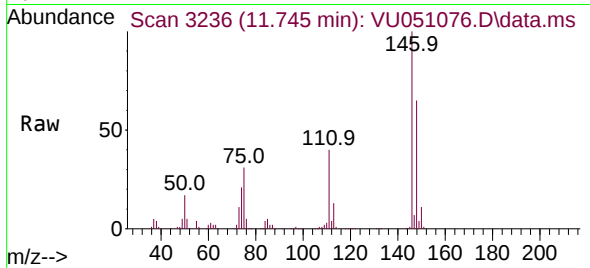




#64
1,3-Dichlorobenzene
Concen: 47.318 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

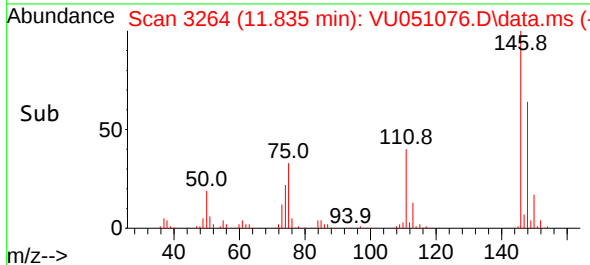
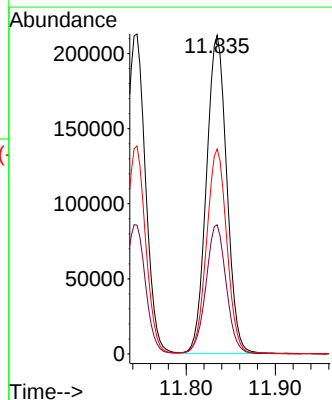
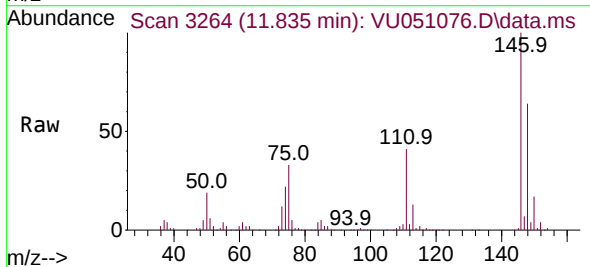
Instrument :
MSVOA_U
ClientSampleId :

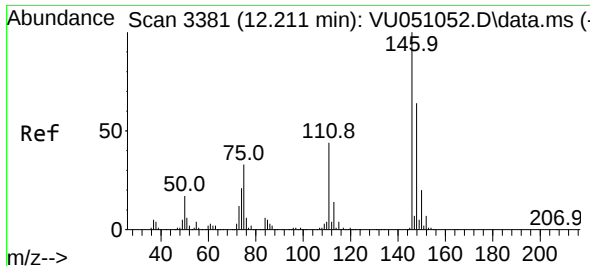
Tgt Ion:146 Resp: 332395
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 65.0 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 47.807 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Tgt Ion:146 Resp: 335700
Ion Ratio Lower Upper
146 100
111 40.5 27.0 50.2
148 64.3 45.1 83.9

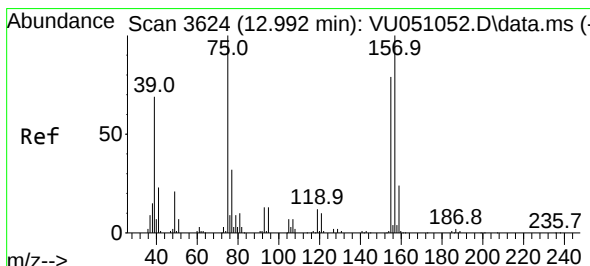
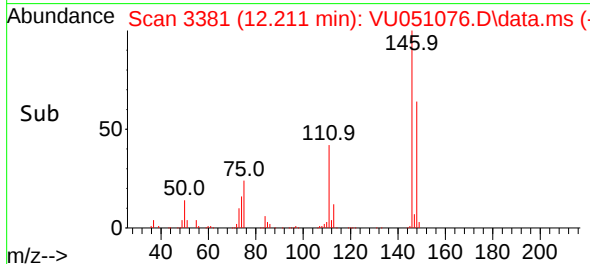
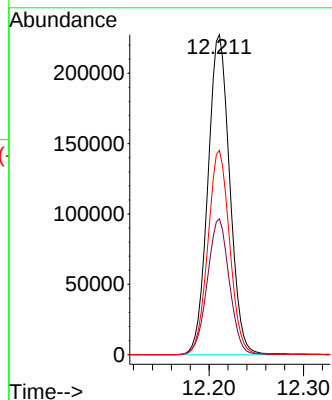
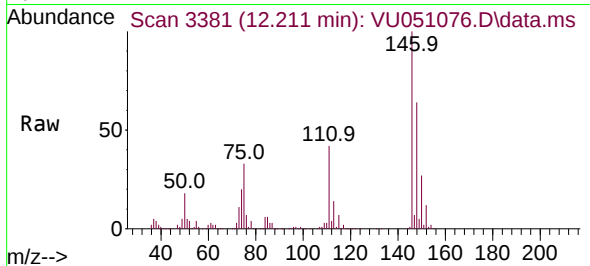




#67
1,2-Dichlorobenzene
Concen: 50.523 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

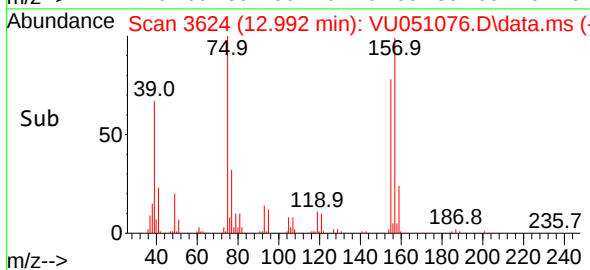
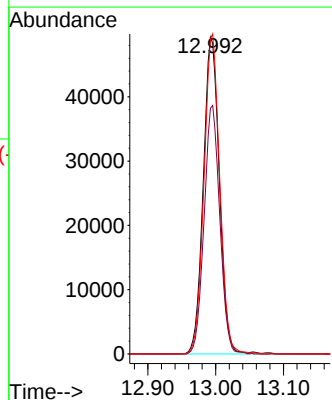
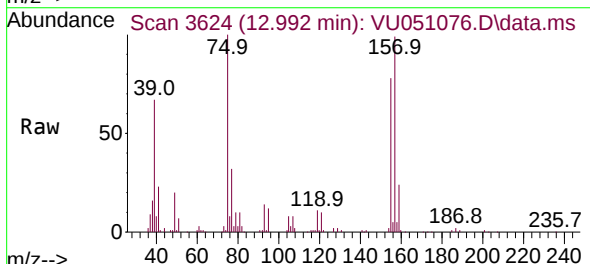
Instrument :
MSVOA_U
ClientSampleId :

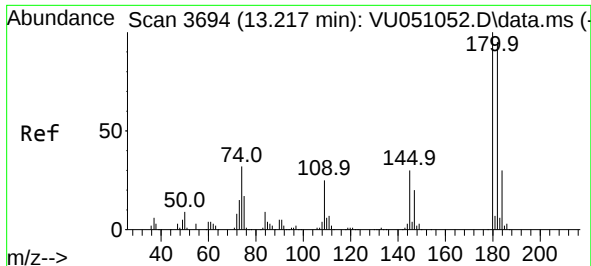
Tgt Ion:146 Resp: 364640
Ion Ratio Lower Upper
146 100
111 42.5 33.7 50.5
148 63.8 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 50.406 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

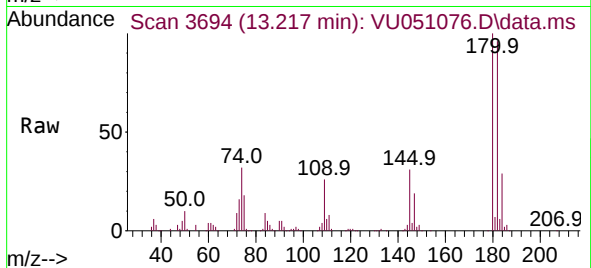
Tgt Ion: 75 Resp: 81197
Ion Ratio Lower Upper
75 100
155 77.6 64.4 96.6
157 99.4 82.2 123.2





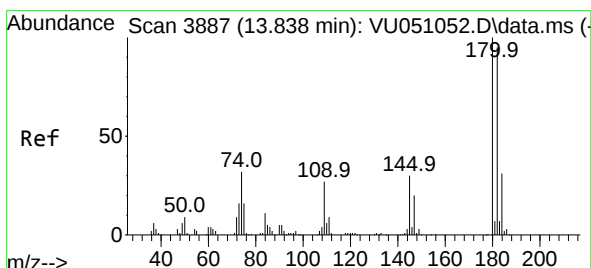
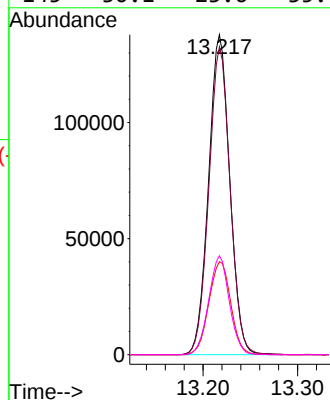
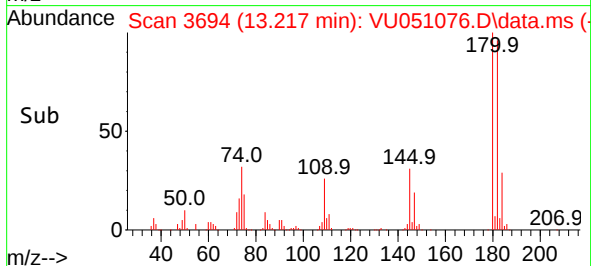
#69
 1,3,5-Trichlorobenzene
 Concen: 45.083 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051076.D
 Acq: 01 Oct 2022 08:05

Instrument :
 MSVOA_U
 ClientSampleId :

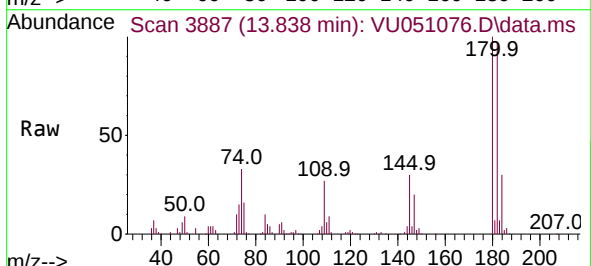


Tgt Ion:180 Resp: 214759

Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
184	30.0	24.4	36.6
145	30.1	23.6	35.4

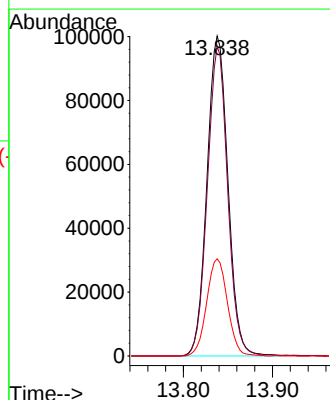
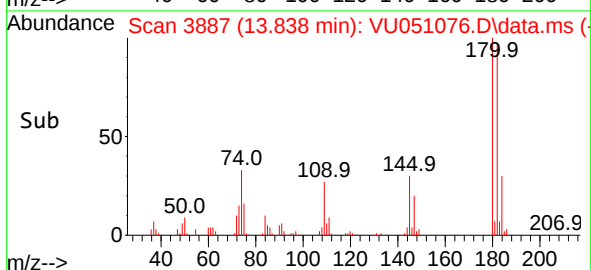


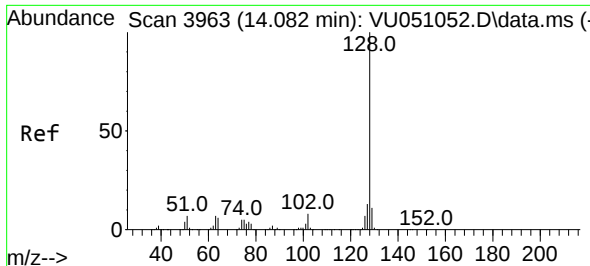
#70
 1,2,4-trichlorobenzene
 Concen: 41.946 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051076.D
 Acq: 01 Oct 2022 08:05



Tgt Ion:180 Resp: 163487

Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.9	113.9
145	30.1	24.0	36.0

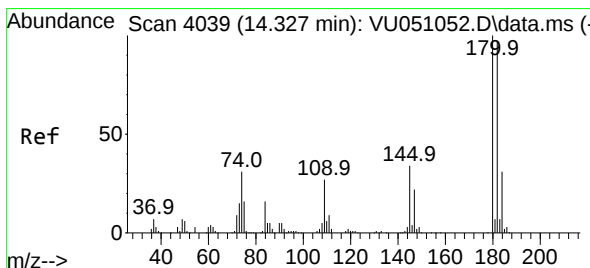
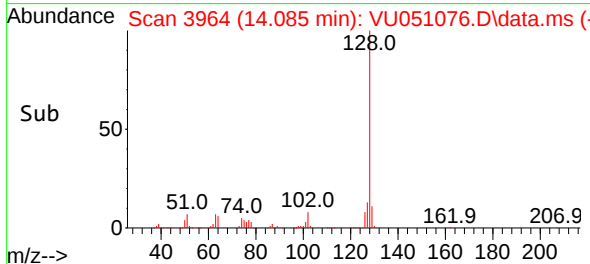
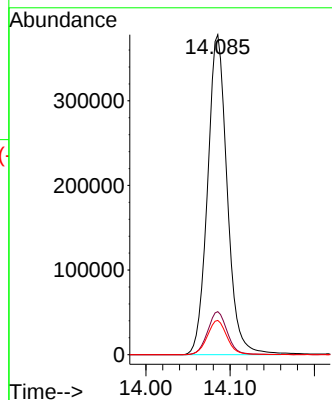
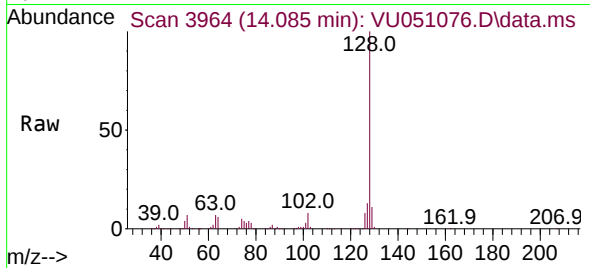




#71
Naphthalene
Concen: 43.961 ug/L
RT: 14.085 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 613255
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 44.202 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051076.D
Acq: 01 Oct 2022 08:05

Tgt Ion:180 Resp: 192240
Ion Ratio Lower Upper
180 100
182 96.4 76.0 114.0
145 33.7 26.1 39.1

