

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092022\
 Data File : VU050835.D
 Acq On : 20 Sep 2022 16:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

Quant Time: Sep 21 02:24:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	506848	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	484471	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	244689	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	235888	44.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.840%
7) Chloroethane-d5	1.896	69	170401	45.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.120%
11) 1,1-Dichloroethene-d2	2.562	63	378184	46.283	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.560%
21) 2-Butanone-d5	4.617	46	346644	102.248	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.250%
24) Chloroform-d	5.060	84	380650	46.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.500%
26) 1,2-Dichloroethane-d4	5.700	65	234840	46.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.600%
32) Benzene-d6	5.726	84	778151	48.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
36) 1,2-Dichloropropane-d6	6.690	67	257522	47.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.620%
41) Toluene-d8	7.896	98	692089	49.616	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.240%
43) trans-1,3-Dichloroprop...	8.179	79	113545	48.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.920%
47) 2-Hexanone-d5	8.632	63	239229	107.774	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.770%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	401578	48.901	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	246761	48.166	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	235385	44.850	ug/L	99
3) Chloromethane	1.520	50	279940	45.882	ug/L	99
5) Vinyl chloride	1.601	62	276108	46.225	ug/L	98
6) Bromomethane	1.832	94	152870	50.660	ug/L	99
8) Chloroethane	1.919	64	155161	46.917	ug/L	99
9) Trichlorofluoromethane	2.128	101	291961	45.062	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	186744	45.031	ug/L	99
12) 1,1-Dichloroethene	2.575	96	181285	46.524	ug/L	94
13) Acetone	2.620	43	250732	87.344	ug/L	100
14) Carbon disulfide	2.787	76	588024	47.723	ug/L	99
15) Methyl Acetate	2.941	43	260871	48.155	ug/L	99
16) Methylene chloride	3.038	84	238252	44.035	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	193130	48.358	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	597155	49.047	ug/L	99
19) 1,1-Dichloroethane	3.864	63	380833	47.192	ug/L	98
20) cis-1,2-Dichloroethene	4.662	96	214267	48.387	ug/L	97
22) 2-Butanone	4.697	43	386890	102.247	ug/L	99
23) Bromochloromethane	4.970	128	108493	46.747	ug/L	99
25) Chloroform	5.086	83	379966	47.245	ug/L	98

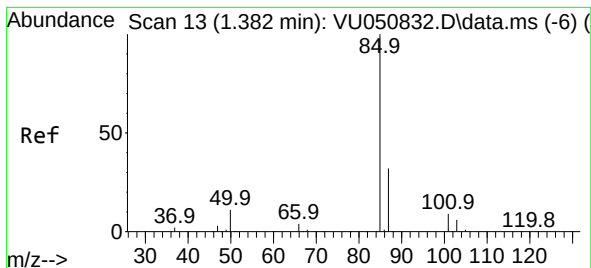
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	290731	47.568	ug/L	100
29) Cyclohexane	5.385	56	332257	49.835	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	312999	48.562	ug/L	98
31) Carbon tetrachloride	5.523	117	257336	48.061	ug/L	99
33) Benzene	5.771	78	884233	49.595	ug/L	100
34) Trichloroethene	6.539	95	203916	49.237	ug/L	99
35) Methylcyclohexane	6.761	83	335337	50.252	ug/L	98
37) 1,2-Dichloropropane	6.790	63	234409	48.046	ug/L	99
38) Bromodichloromethane	7.105	83	282355	48.575	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	332189	50.881	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	714021	106.194	ug/L	100
42) Toluene	7.967	91	918064	51.869	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	317738	51.161	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	217859	48.455	ug/L	99
46) Tetrachloroethene	8.552	164	146324	49.165	ug/L	98
48) 2-Hexanone	8.681	43	600551	106.892	ug/L	99
49) Dibromochloromethane	8.809	129	217534	49.345	ug/L	100
50) 1,2-Dibromoethane	8.922	107	232114	49.759	ug/L	100
51) Chlorobenzene	9.446	112	537013	49.698	ug/L	99
52) Ethylbenzene	9.568	91	921292	52.177	ug/L	100
53) m,p-Xylene	9.693	106	352355	53.675	ug/L	100
54) o-Xylene	10.099	106	344057	52.602	ug/L	100
55) Styrene	10.111	104	608045	54.221	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	413237	49.672	ug/L	99
59) Bromoform	10.288	173	162845	46.109	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	317192	46.087	ug/L	100
61) Isopropylbenzene	10.481	105	890731	50.938	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	750828	52.232	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	755066	53.041	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	400203	50.047	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	395890	48.765	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	422862	49.942	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	95429	50.413	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	287478	51.383	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	244829	53.473	ug/L	99
71) Naphthalene	14.086	128	934251	53.093	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	270471	52.782	ug/L	99

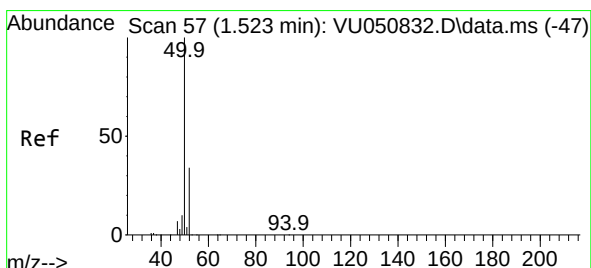
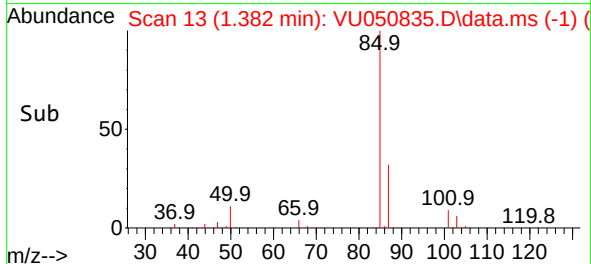
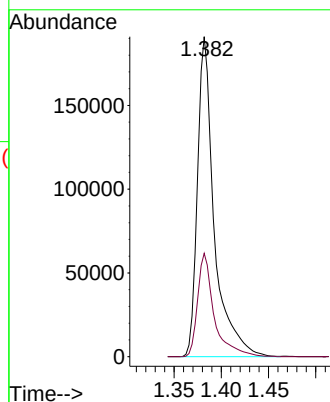
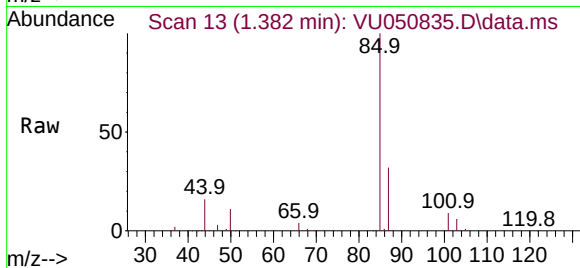
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#2
 Dichlorodifluoromethane
 Concen: 44.850 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU050835.D
 Acq: 20 Sep 2022 16:17

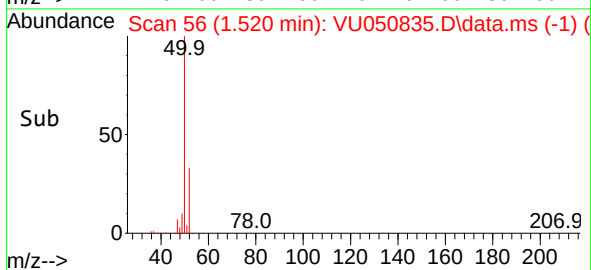
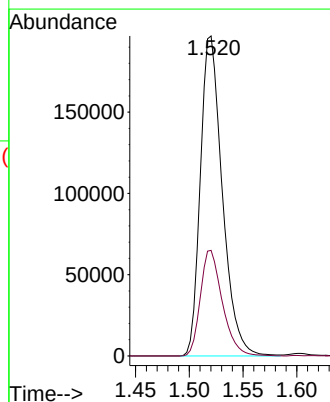
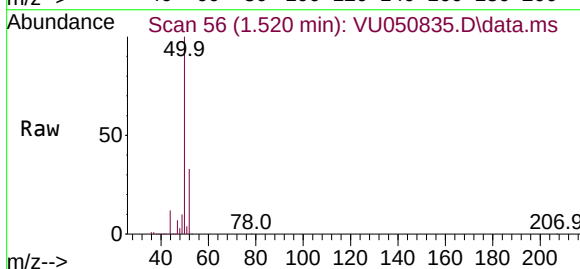
Instrument :
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 ClientSampleId :
 VICV036

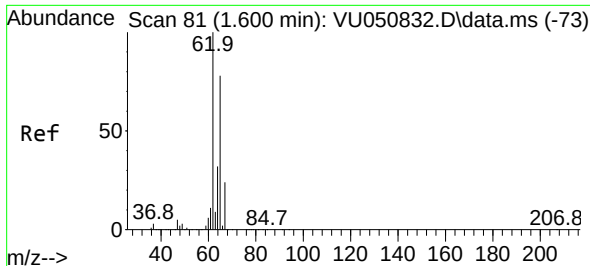
Tgt Ion: 85 Resp: 235385
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.8



#3
 Chloromethane
 Concen: 45.882 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU050835.D
 Acq: 20 Sep 2022 16:17

Tgt Ion: 50 Resp: 279940
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 43.9

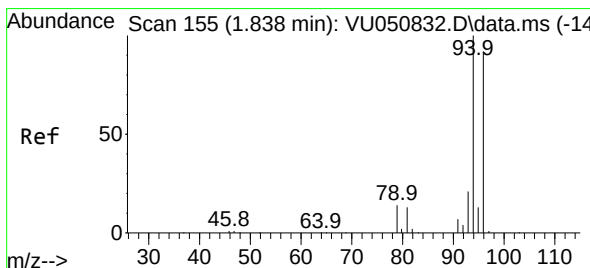
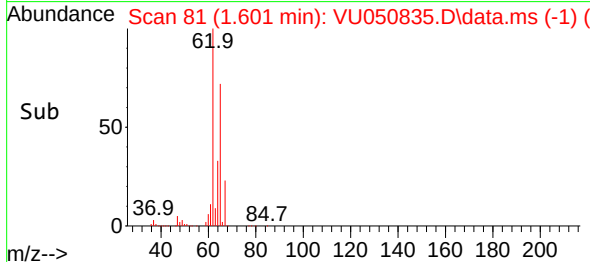
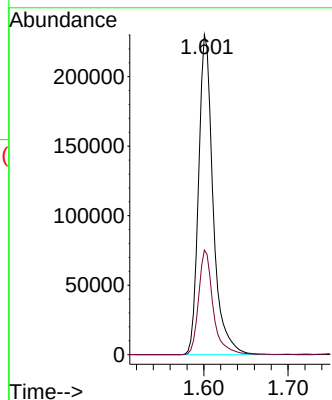
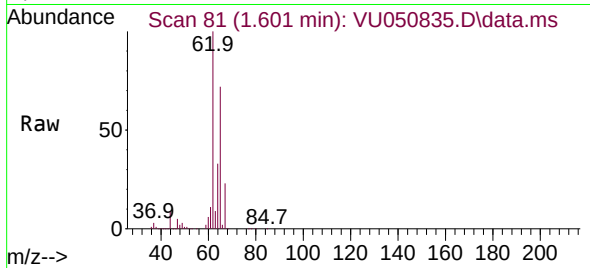




#5
 Vinyl chloride
 Concen: 46.225 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050835.D
 Acq: 20 Sep 2022 16:17

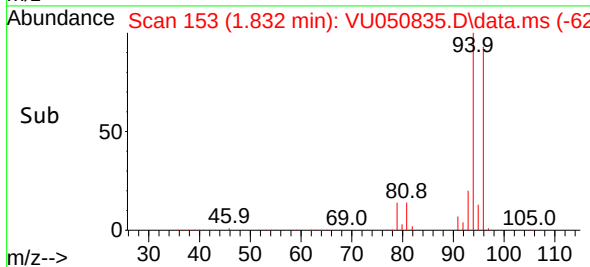
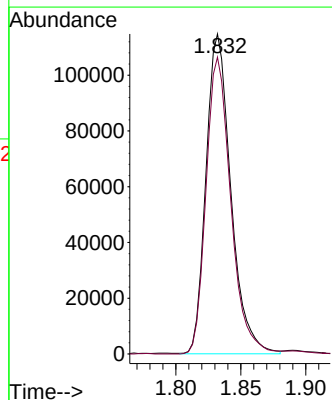
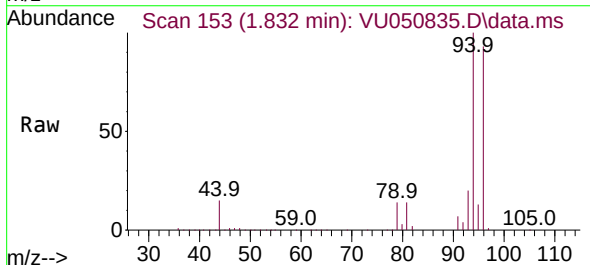
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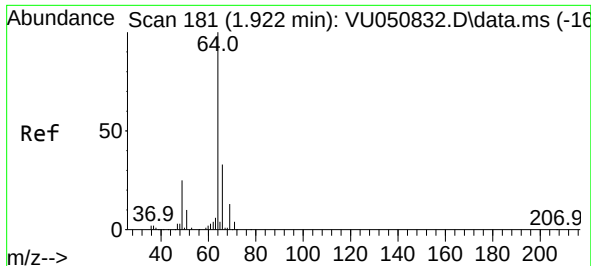
Tgt Ion: 62 Resp: 276108
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.2 41.2



#6
 Bromomethane
 Concen: 50.660 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. -0.006 min
 Lab File: VU050835.D
 Acq: 20 Sep 2022 16:17

Tgt Ion: 94 Resp: 152870
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.0 119.0

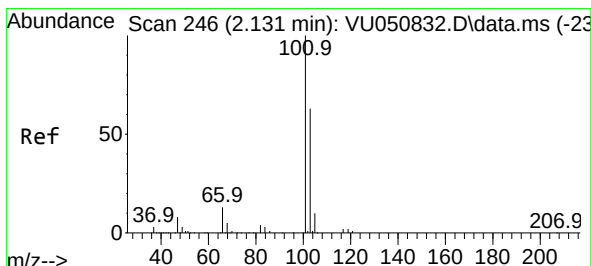
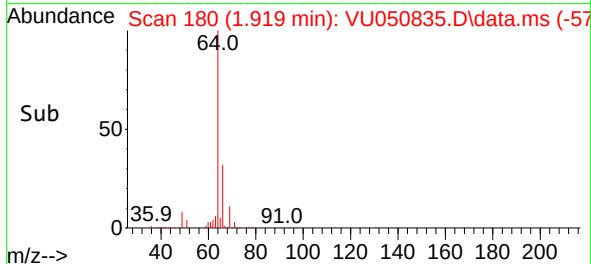
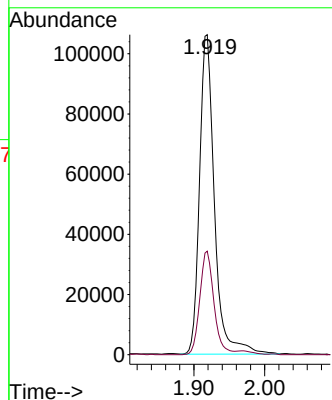
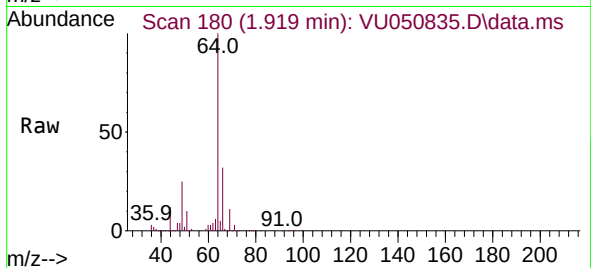




#8
Chloroethane
Concen: 46.917 ug/L
RT: 1.919 min Scan# 181
Delta R.T. -0.003 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

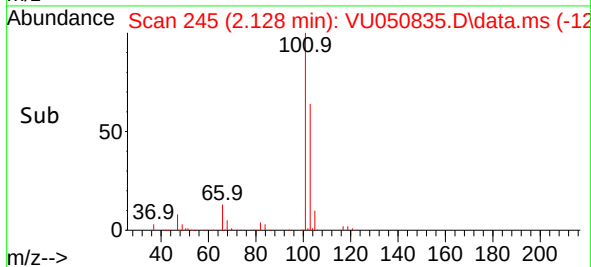
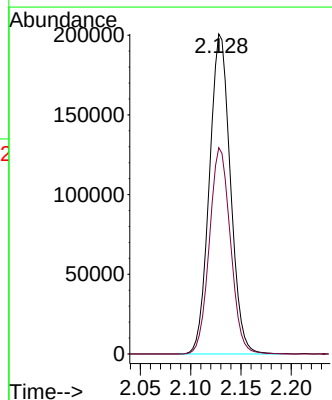
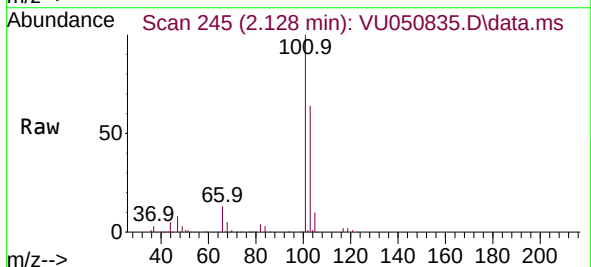
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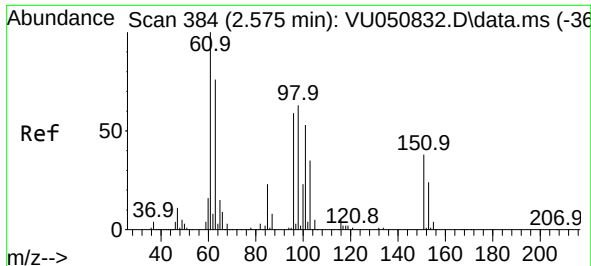
Tgt Ion: 64 Resp: 155161
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 45.062 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.003 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Tgt Ion: 101 Resp: 291961
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3

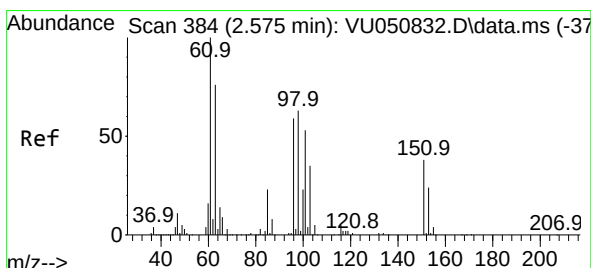
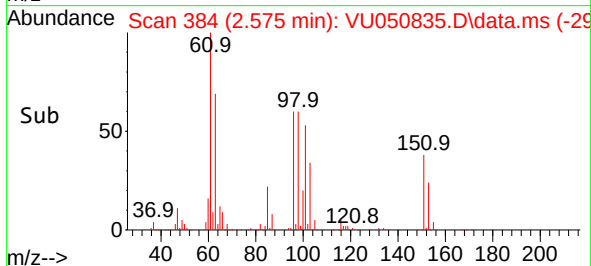
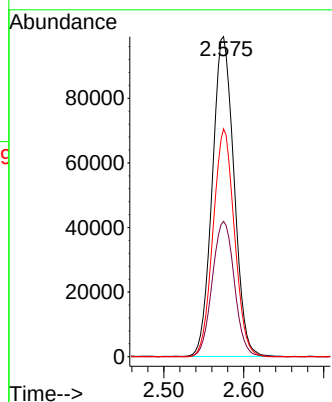
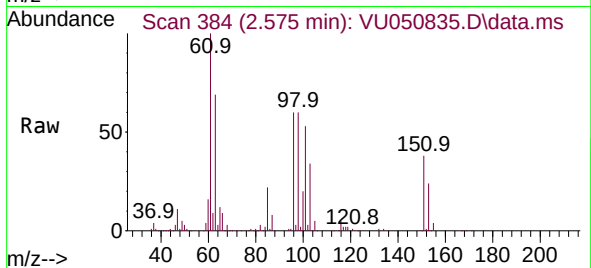




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.031 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050835.D
 Acq: 20 Sep 2022 16:17

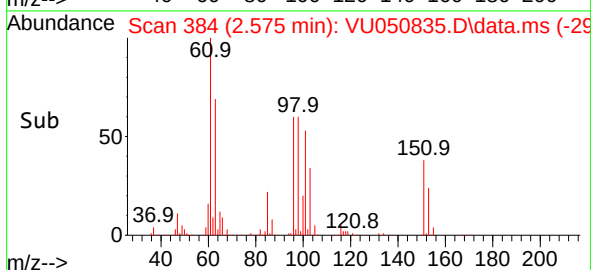
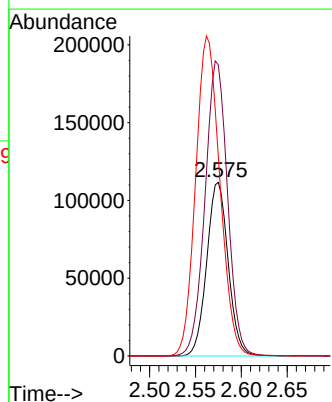
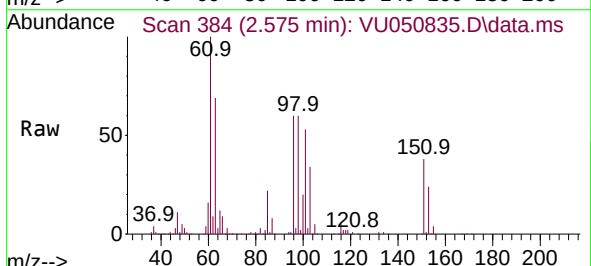
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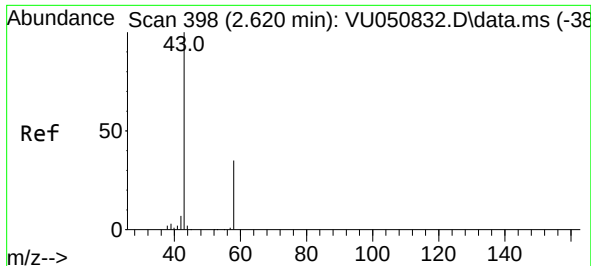
Tgt Ion:101 Resp: 186744
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.1 52.7
 151 70.0 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 46.524 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050835.D
 Acq: 20 Sep 2022 16:17

Tgt Ion: 96 Resp: 181285
 Ion Ratio Lower Upper
 96 100
 61 167.7 118.6 220.2
 63 115.3 90.4 168.0





#13

Acetone

Concen: 87.344 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

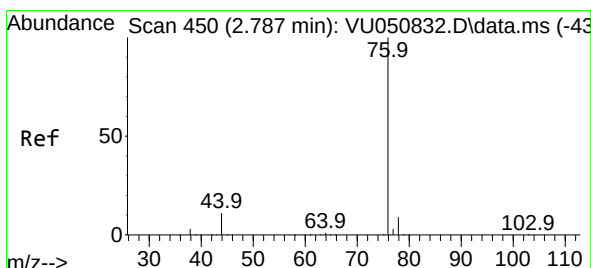
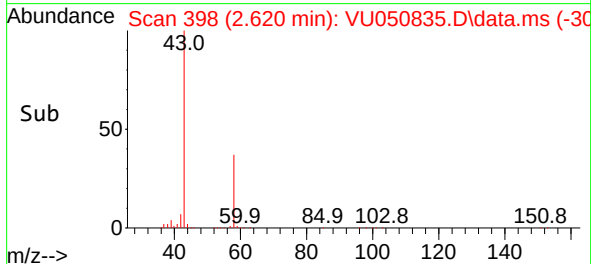
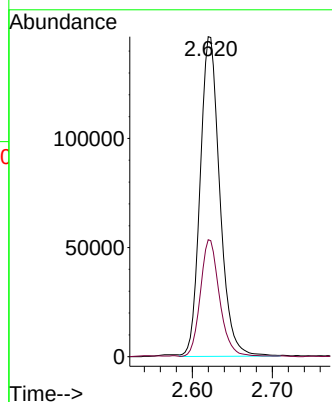
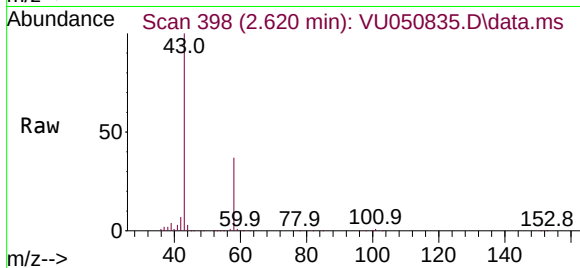
VICV036

Tgt Ion: 43 Resp: 250732

Ion Ratio Lower Upper

43 100

58 35.4 0.0 71.4



#14

Carbon disulfide

Concen: 47.723 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU050835.D

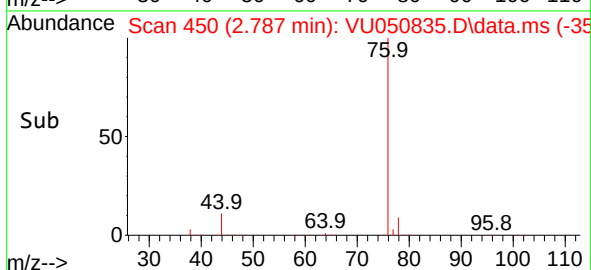
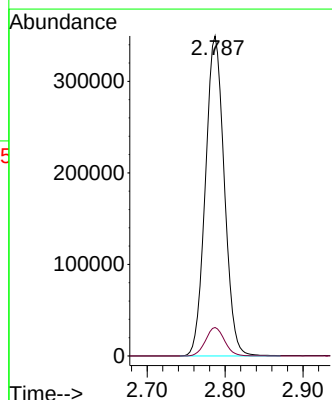
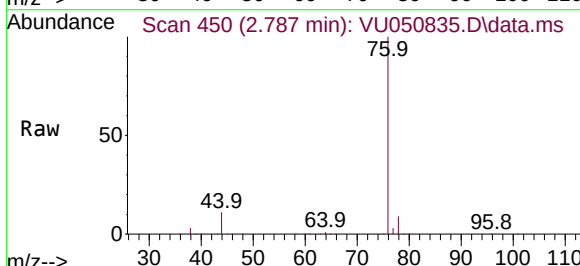
Acq: 20 Sep 2022 16:17

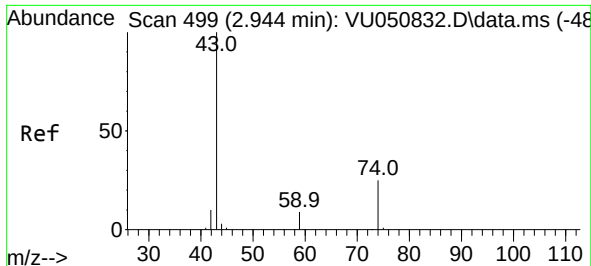
Tgt Ion: 76 Resp: 588024

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

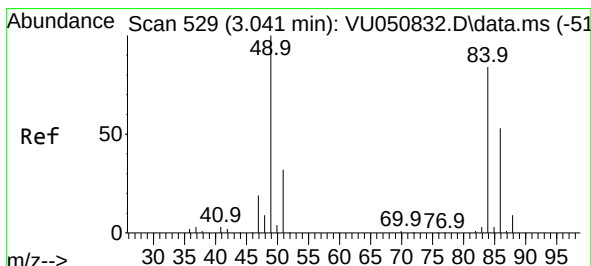
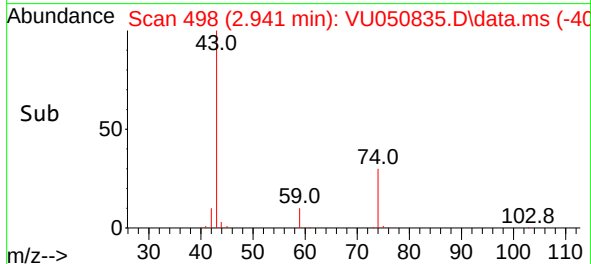
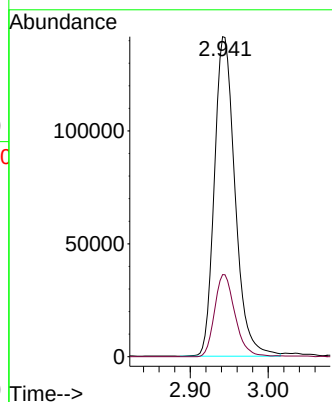
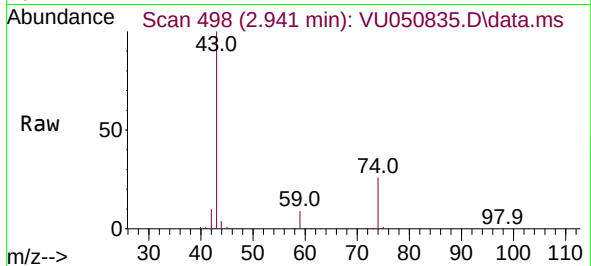




#15
Methyl Acetate
Concen: 48.155 ug/L
RT: 2.941 min Scan# 498
Delta R.T. -0.003 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

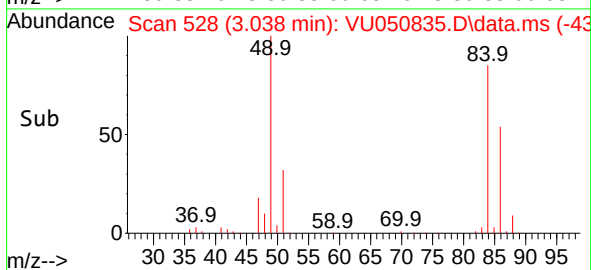
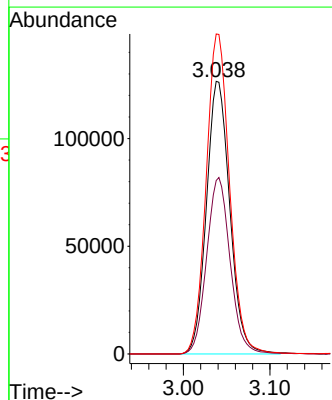
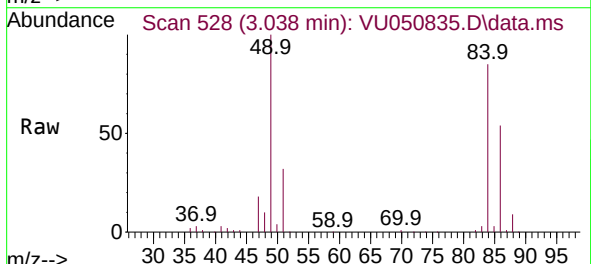
Instrument :
MSVOA_U
ClientSampleId :
VICV036

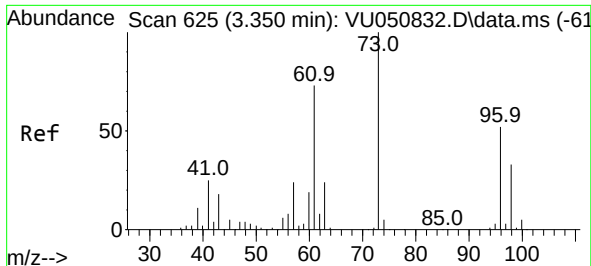
Tgt Ion: 43 Resp: 260871
Ion Ratio Lower Upper
43 100
74 25.4 19.9 29.9



#16
Methylene chloride
Concen: 44.035 ug/L
RT: 3.038 min Scan# 528
Delta R.T. -0.003 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Tgt Ion: 84 Resp: 238252
Ion Ratio Lower Upper
84 100
86 63.6 44.4 82.5
49 117.4 83.3 154.7





#17

trans-1,2-Dichloroethene

Concen: 48.358 ug/L

RT: 3.346 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

VICV036

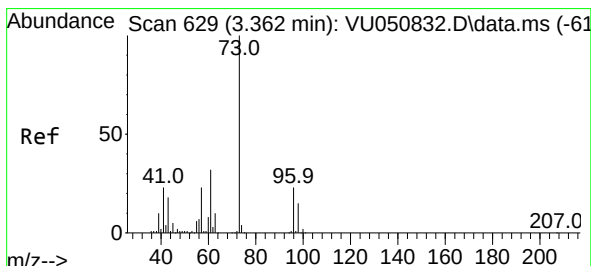
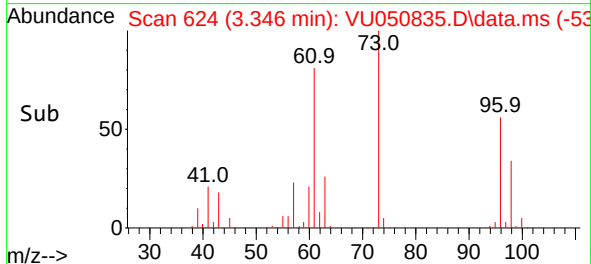
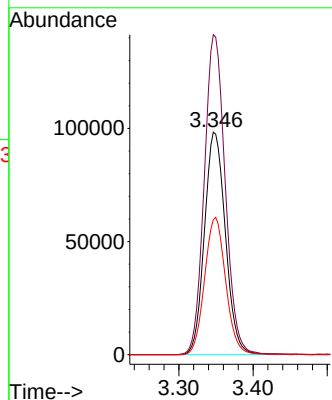
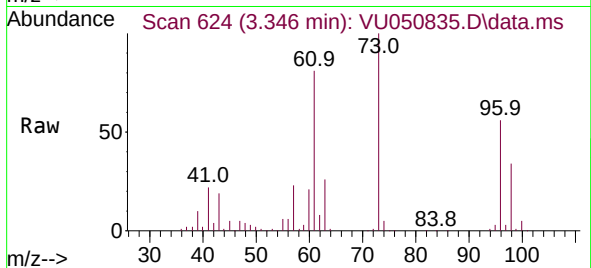
Tgt Ion: 96 Resp: 193130

Ion Ratio Lower Upper

96 100

61 143.8 98.0 182.0

98 60.6 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 49.047 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

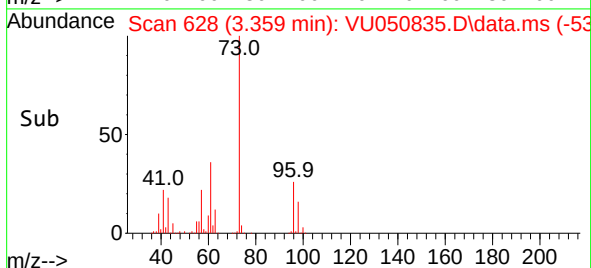
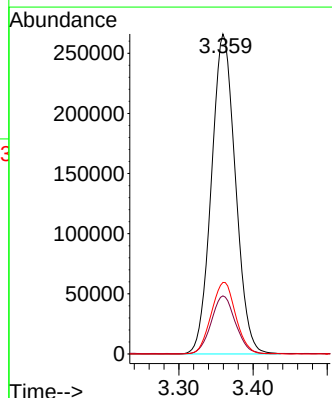
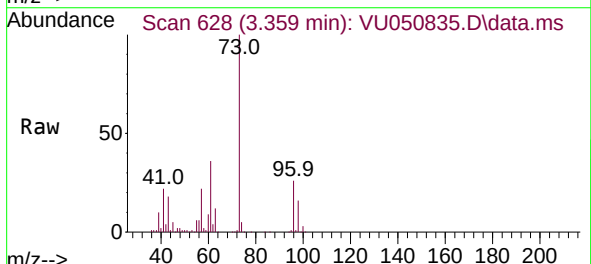
Tgt Ion: 73 Resp: 597155

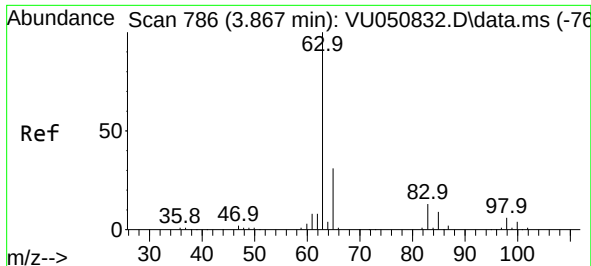
Ion Ratio Lower Upper

73 100

43 18.1 14.4 21.6

57 22.8 18.6 27.8





#19

1,1-Dichloroethane

Concen: 47.192 ug/L

RT: 3.864 min Scan# 7

Delta R.T. -0.003 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

VICV036

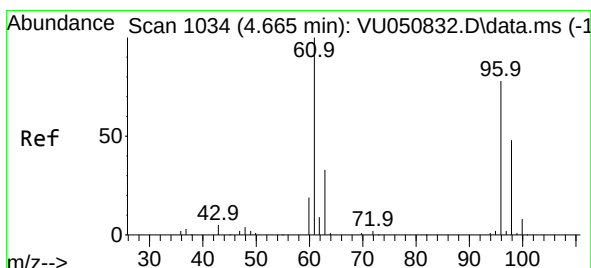
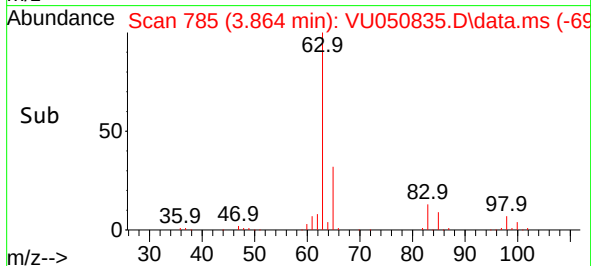
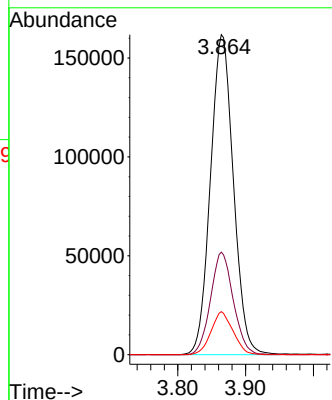
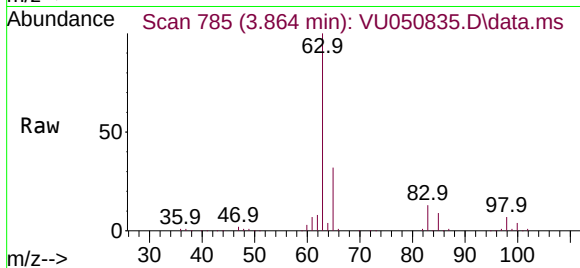
Tgt Ion: 63 Resp: 380833

Ion Ratio Lower Upper

63 100

65 32.1 21.5 39.9

83 13.5 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 48.387 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

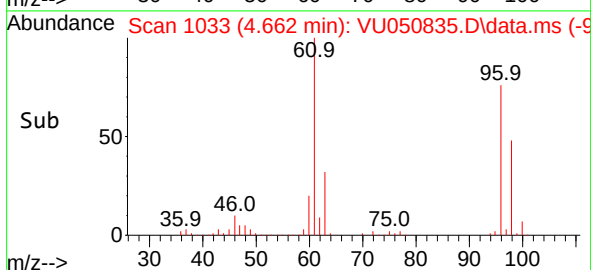
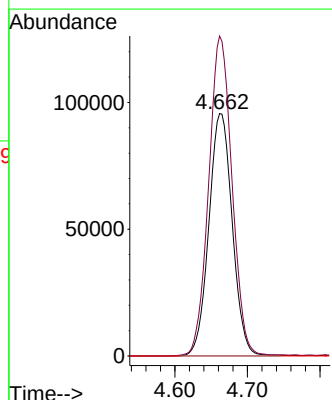
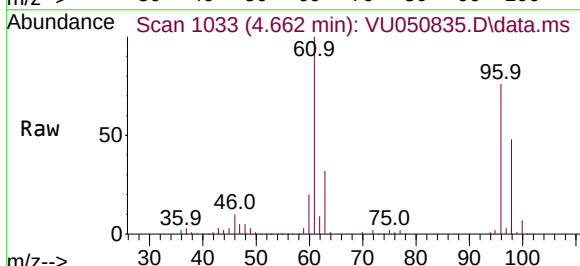
Tgt Ion: 96 Resp: 214267

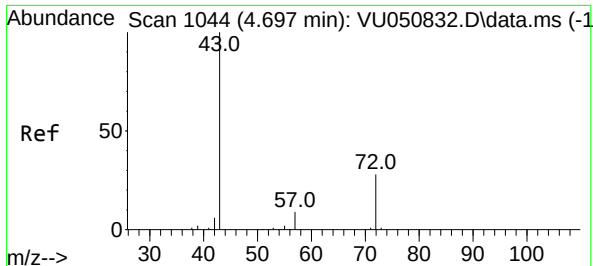
Ion Ratio Lower Upper

96 100

61 132.0 90.1 167.3

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 102.247 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

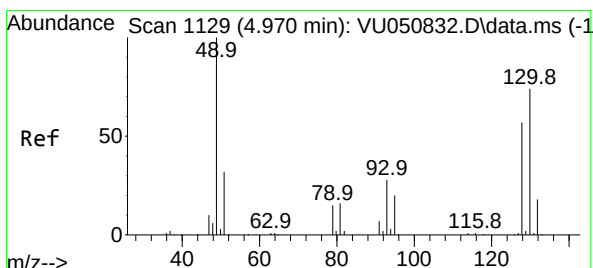
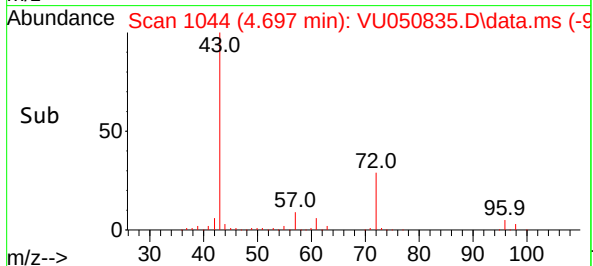
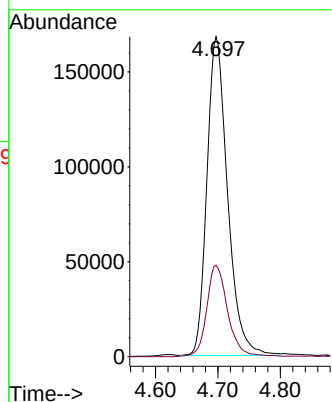
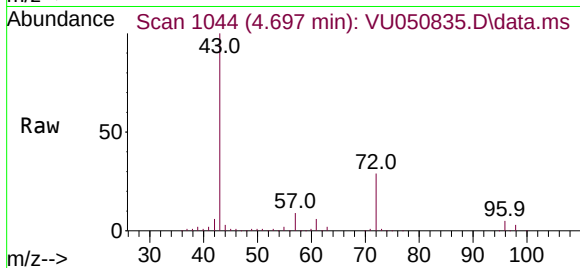
VICV036

Tgt Ion: 43 Resp: 386890

Ion Ratio Lower Upper

43 100

72 29.1 14.8 44.3



#23

Bromochloromethane

Concen: 46.747 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

Tgt Ion:128 Resp: 108493

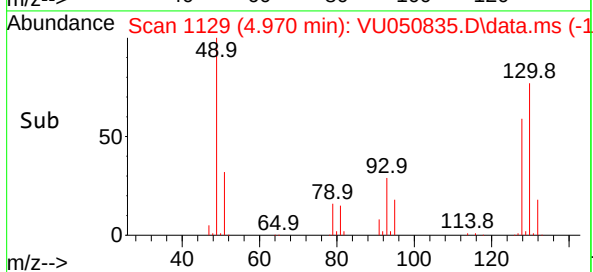
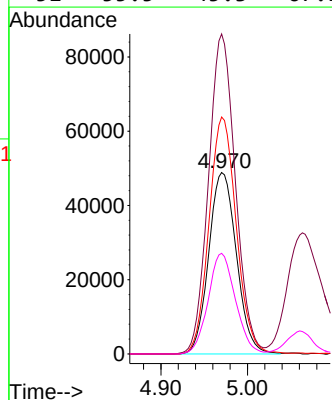
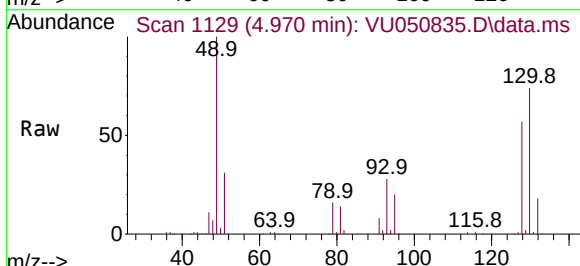
Ion Ratio Lower Upper

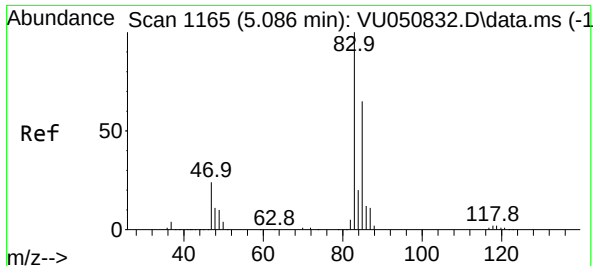
128 100

49 176.4 123.1 228.5

130 130.6 90.9 168.7

51 55.5 45.3 67.9





#25

Chloroform

Concen: 47.245 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

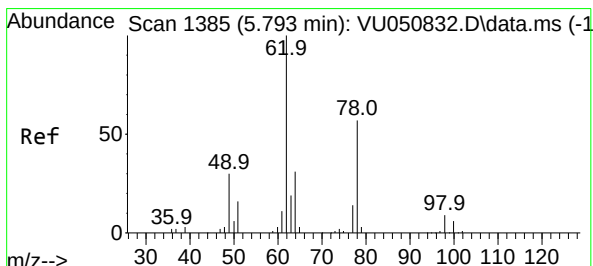
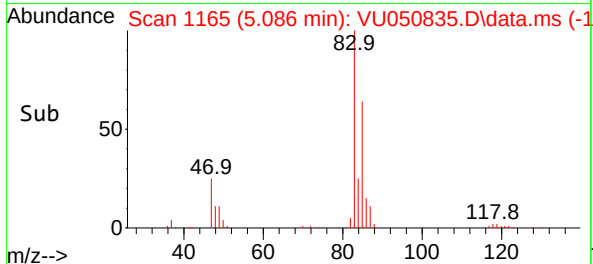
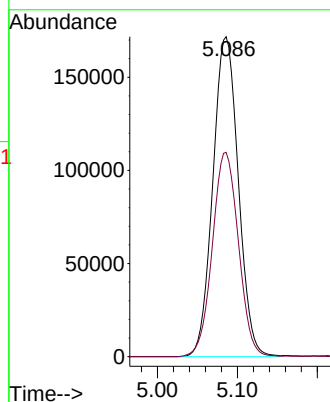
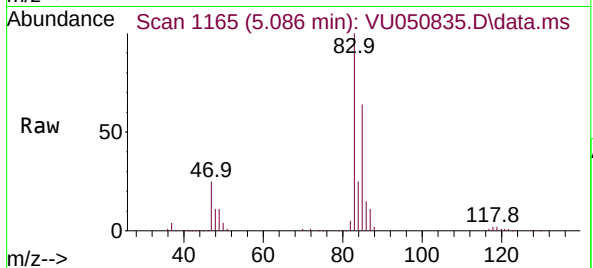
VICV036

Tgt Ion: 83 Resp: 379966

Ion Ratio Lower Upper

83 100

85 63.9 45.7 84.9



#27

1,2-Dichloroethane

Concen: 47.568 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU050835.D

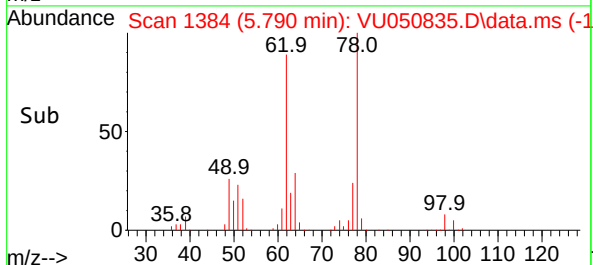
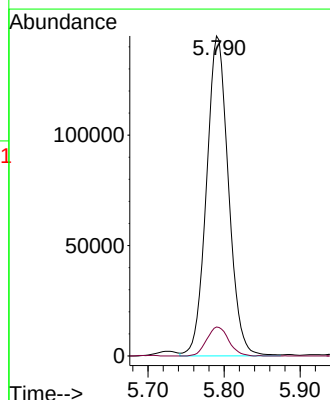
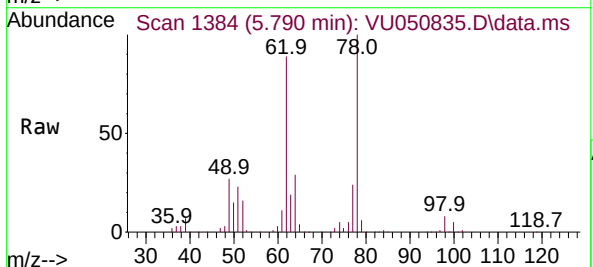
Acq: 20 Sep 2022 16:17

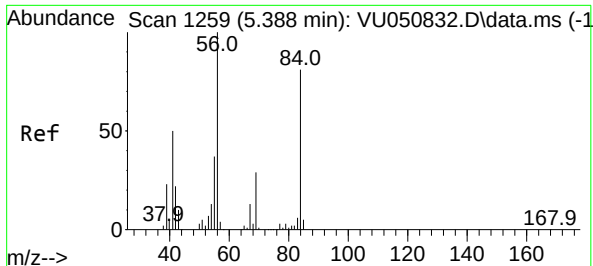
Tgt Ion: 62 Resp: 290731

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0





#29

Cyclohexane

Concen: 49.835 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

VICV036

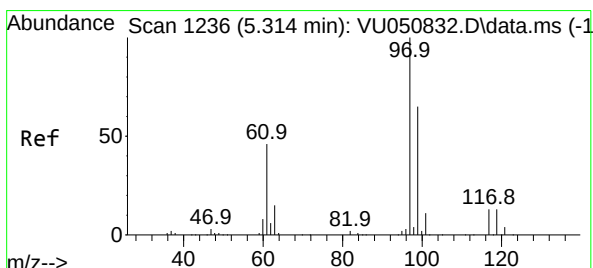
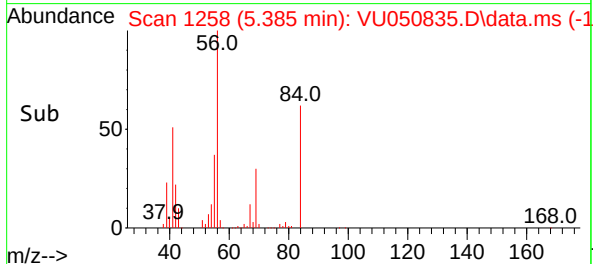
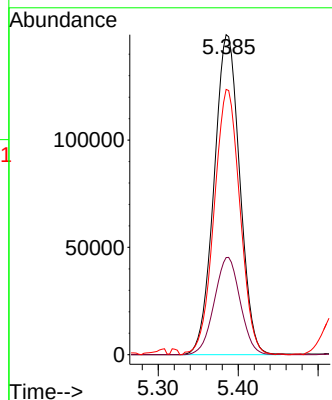
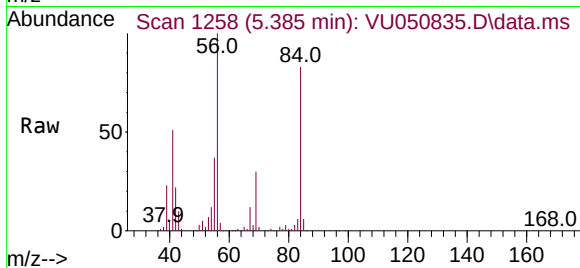
Tgt Ion: 56 Resp: 332257

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 83.4 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 48.562 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

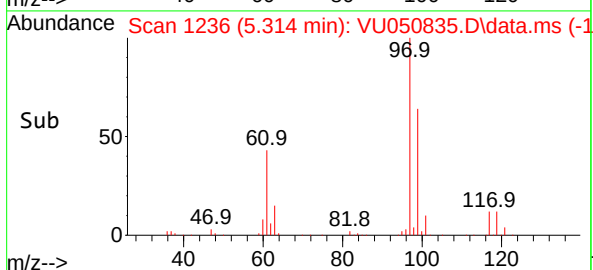
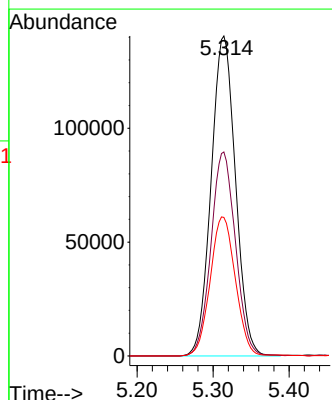
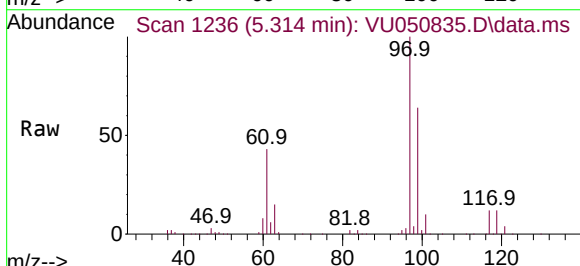
Tgt Ion: 97 Resp: 312999

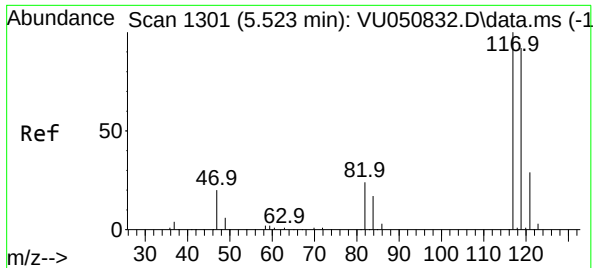
Ion Ratio Lower Upper

97 100

99 64.0 52.2 78.2

61 44.8 37.1 55.7

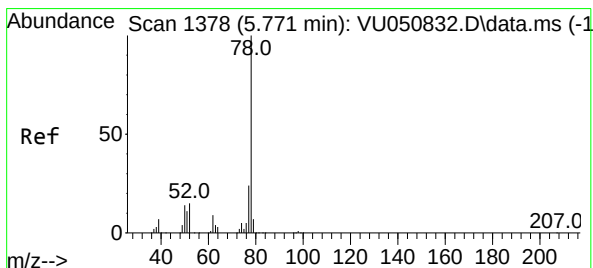
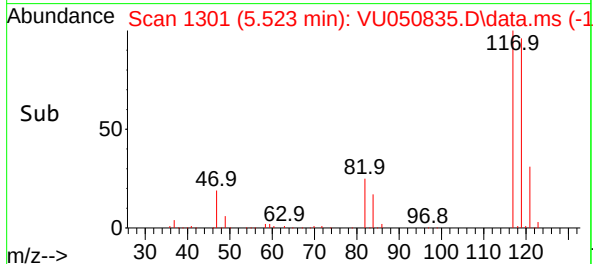
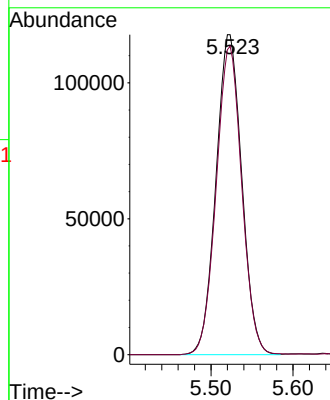
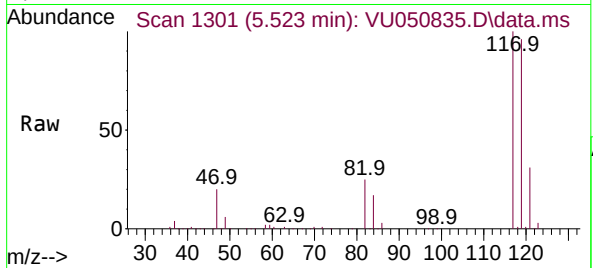




#31
Carbon tetrachloride
Concen: 48.061 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

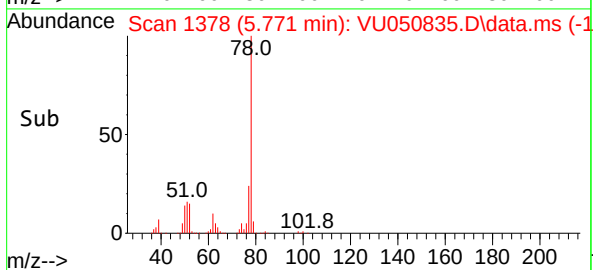
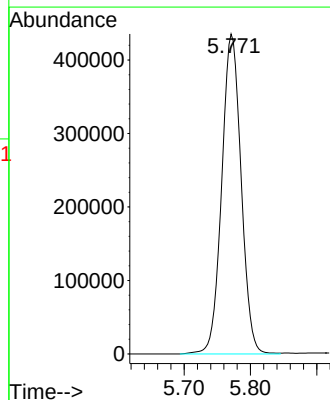
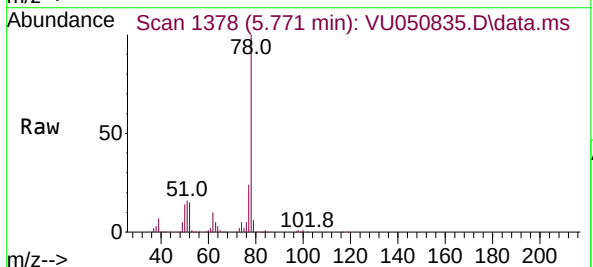
Instrument :
MSVOA_U
ClientSampleId :
VICV036

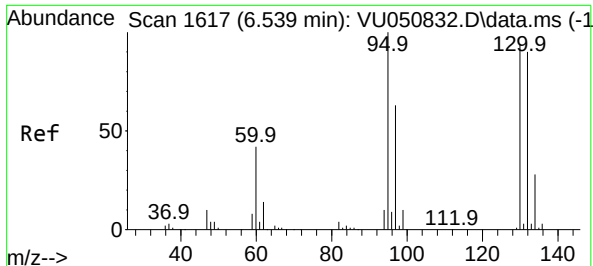
Tgt Ion:117 Resp: 257336
Ion Ratio Lower Upper
117 100
119 95.7 76.0 114.0



#33
Benzene
Concen: 49.595 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Tgt Ion: 78 Resp: 884233





#34

Trichloroethene

Concen: 49.237 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

VICV036

Tgt Ion: 95 Resp: 203916

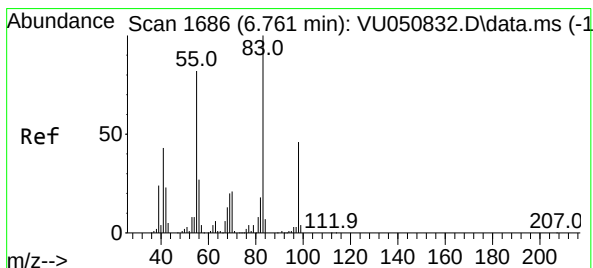
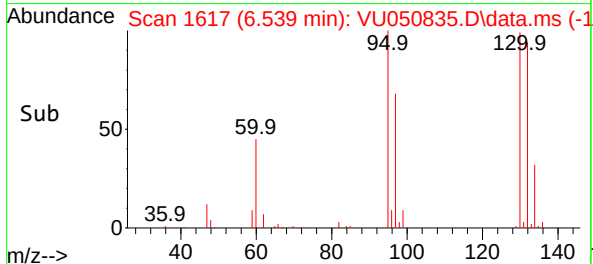
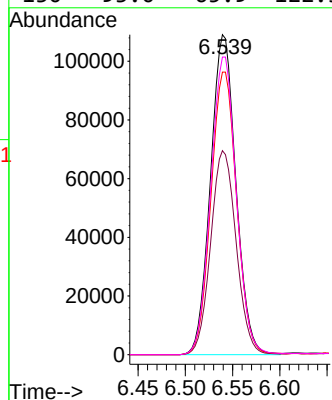
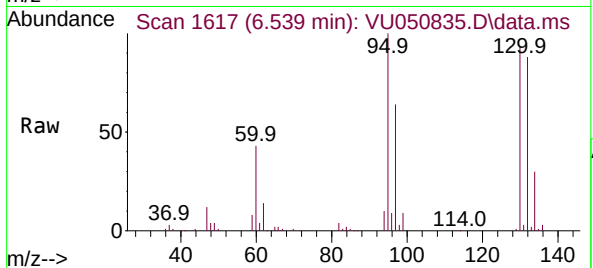
Ion Ratio Lower Upper

95 100

97 63.7 43.9 81.5

132 88.3 63.1 117.1

130 93.0 65.9 122.3



#35

Methylcyclohexane

Concen: 50.252 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

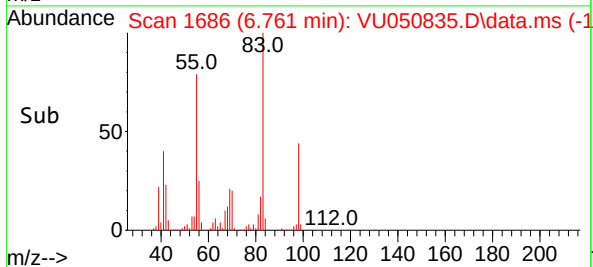
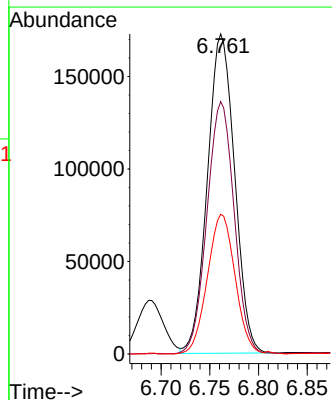
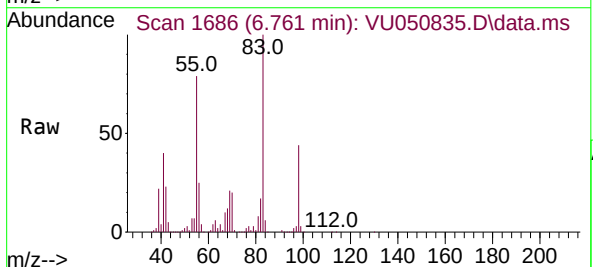
Tgt Ion: 83 Resp: 335337

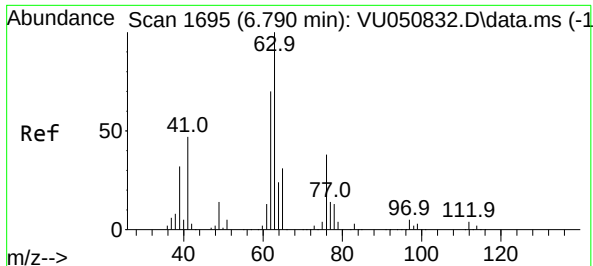
Ion Ratio Lower Upper

83 100

55 78.9 64.7 97.1

98 44.5 35.2 52.8





#37

1,2-Dichloropropane

Concen: 48.046 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

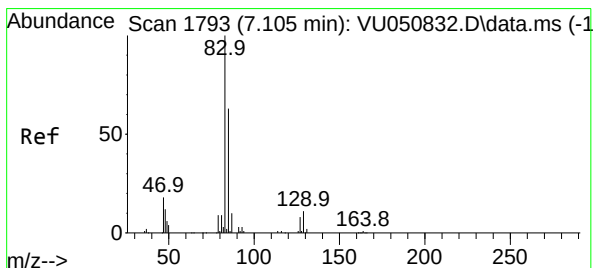
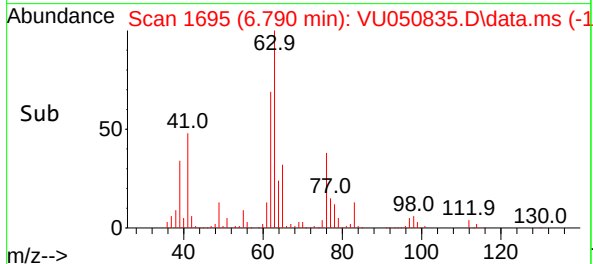
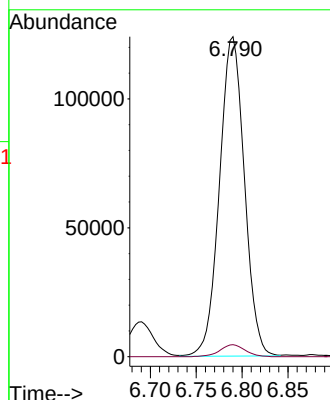
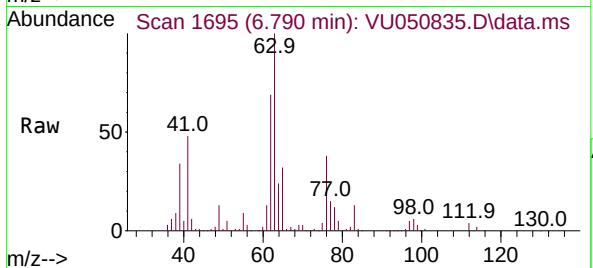
VICV036

Tgt Ion: 63 Resp: 234409

Ion Ratio Lower Upper

63 100

112 3.8 2.9 4.3



#38

Bromodichloromethane

Concen: 48.575 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

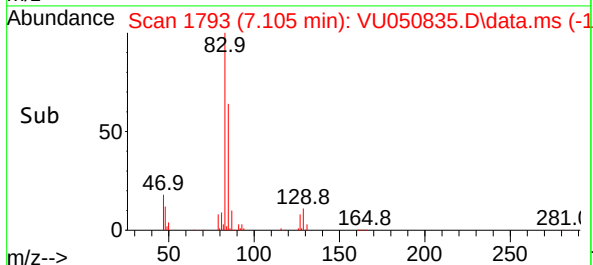
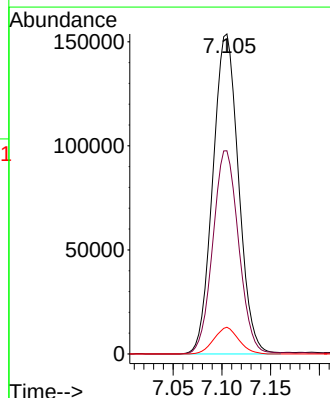
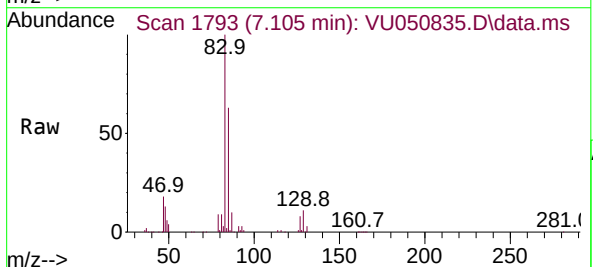
Tgt Ion: 83 Resp: 282355

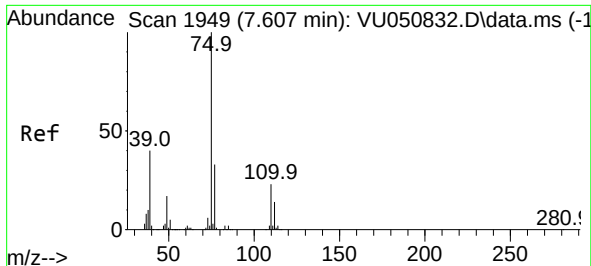
Ion Ratio Lower Upper

83 100

85 63.5 44.3 82.3

127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 50.881 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

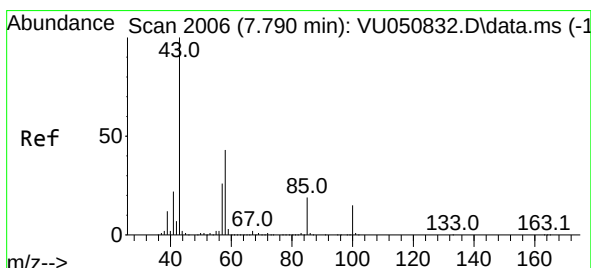
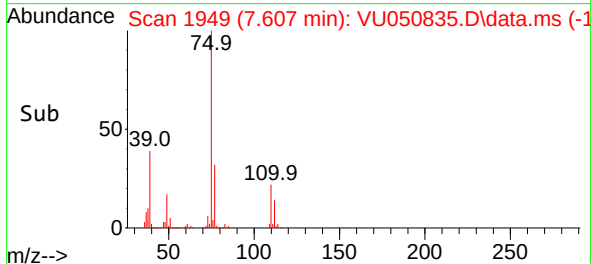
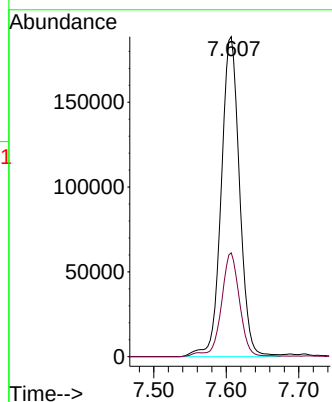
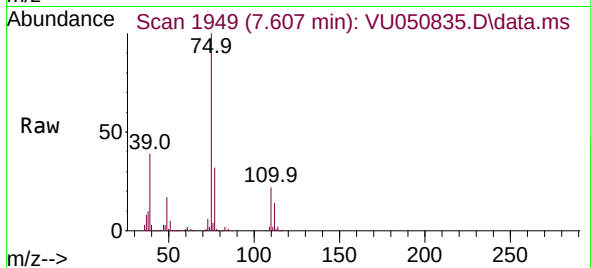
VICV036

Tgt Ion: 75 Resp: 332189

Ion Ratio Lower Upper

75 100

77 32.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 106.194 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

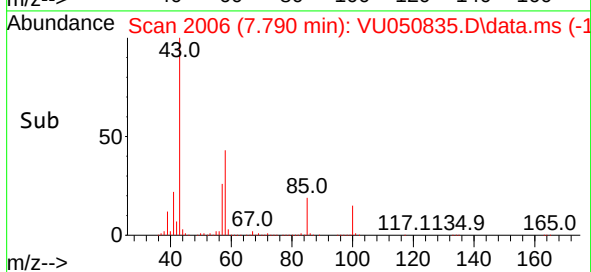
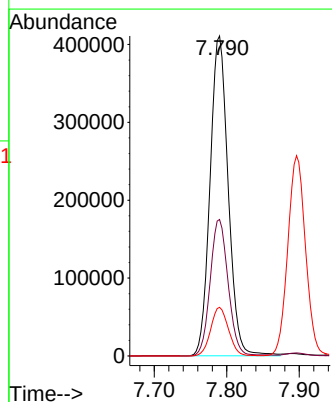
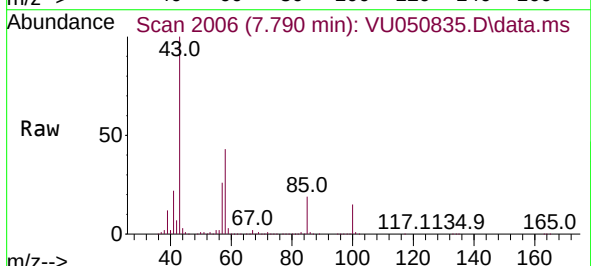
Tgt Ion: 43 Resp: 714021

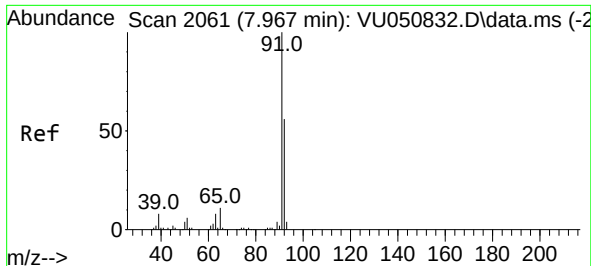
Ion Ratio Lower Upper

43 100

58 42.2 33.8 50.6

100 15.0 12.0 18.0





#42

Toluene

Concen: 51.869 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

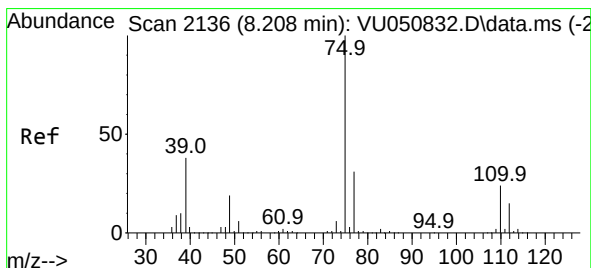
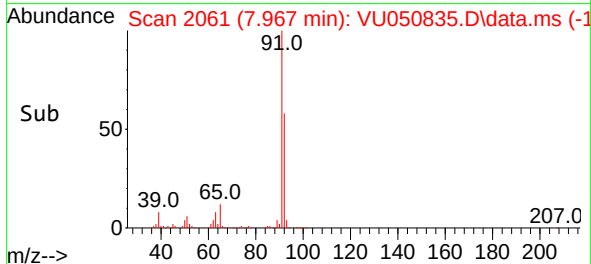
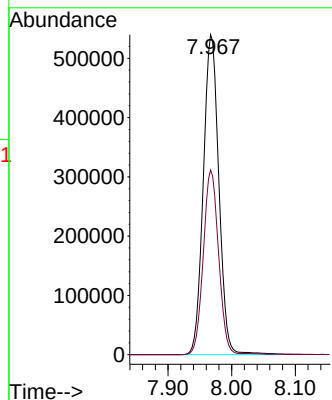
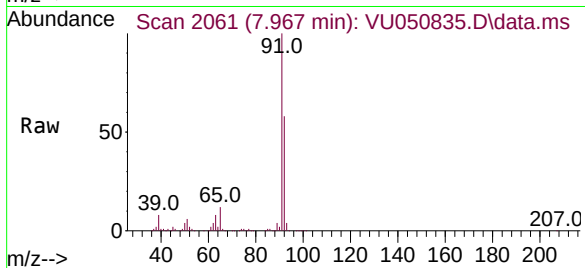
VICV036

Tgt Ion: 91 Resp: 918064

Ion Ratio Lower Upper

91 100

92 57.7 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 51.161 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU050835.D

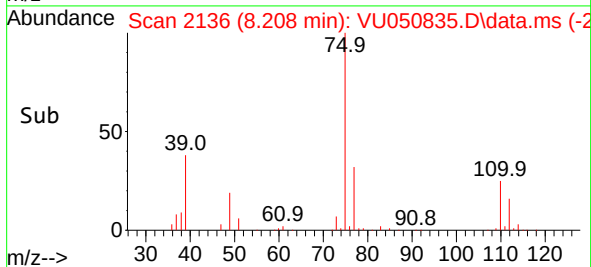
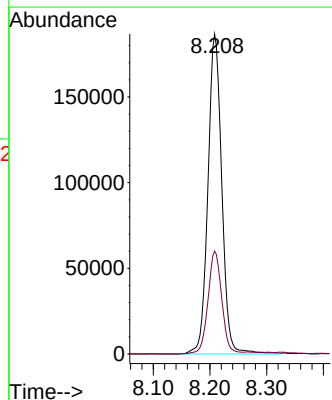
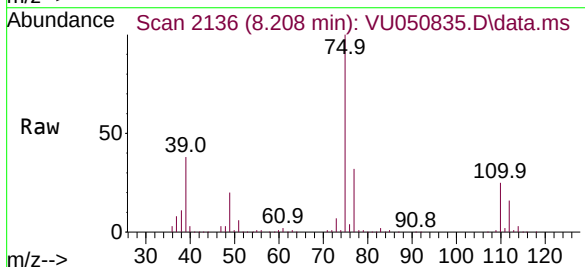
Acq: 20 Sep 2022 16:17

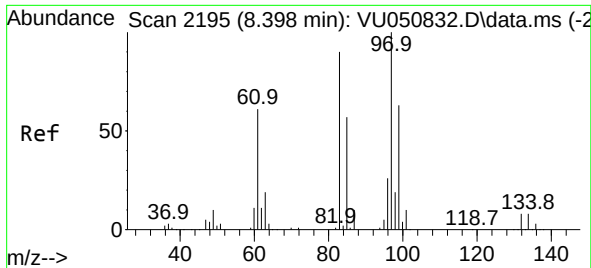
Tgt Ion: 75 Resp: 317738

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7



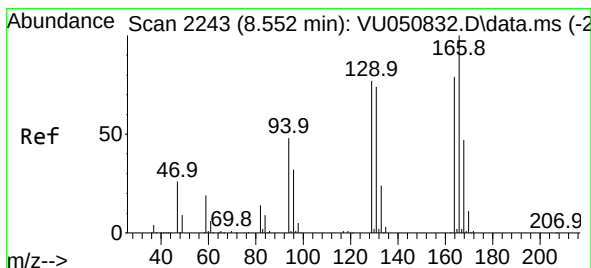
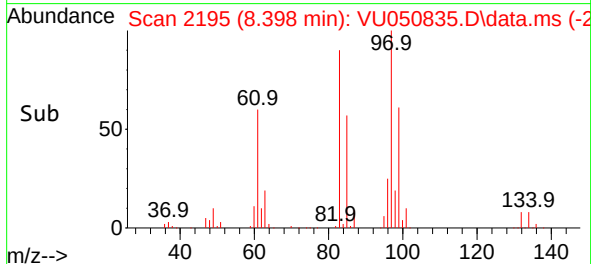
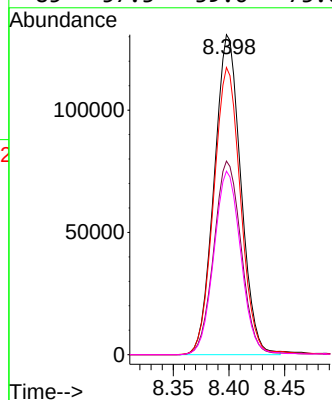
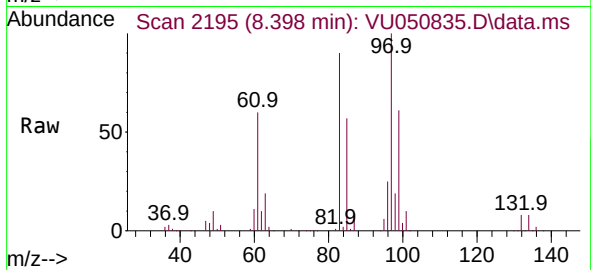


#45
1,1,2-Trichloroethane
Concen: 48.455 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Instrument :
MSVOA_U
ClientSampleId :
VICV036

Tgt Ion: 97 Resp: 217859

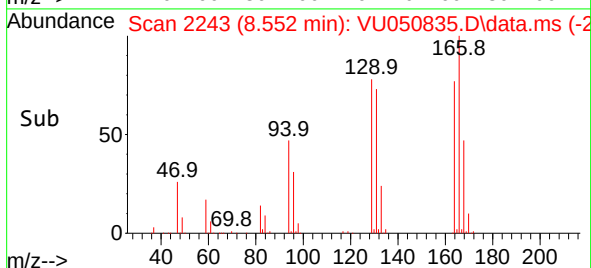
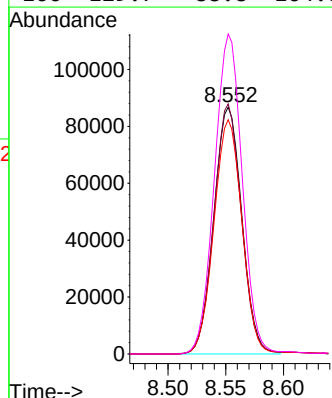
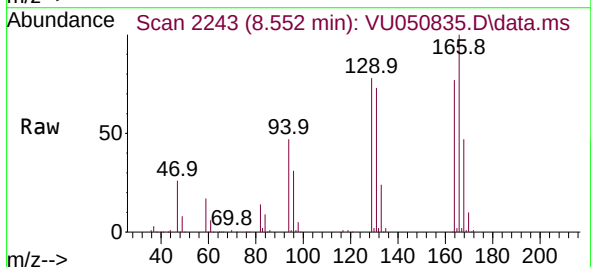
Ion	Ratio	Lower	Upper
97	100		
99	60.5	43.8	81.4
83	89.7	62.6	116.3
85	57.3	39.6	73.6

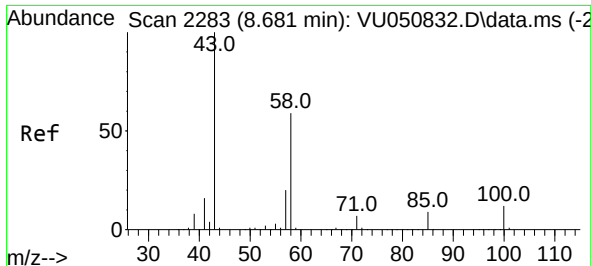


#46
Tetrachloroethene
Concen: 49.165 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Tgt Ion: 164 Resp: 146324

Ion	Ratio	Lower	Upper
164	100		
129	101.4	68.5	127.3
131	94.9	66.1	122.7
166	129.7	88.8	164.8



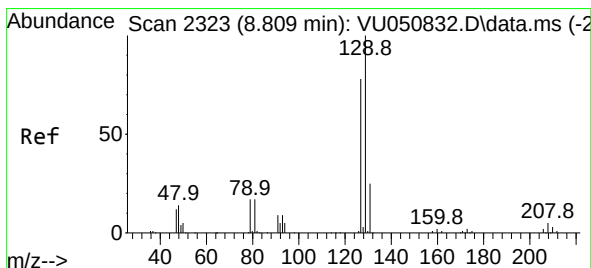
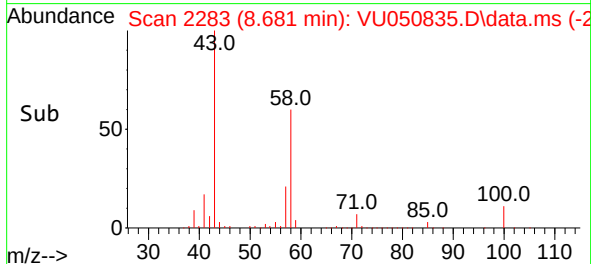
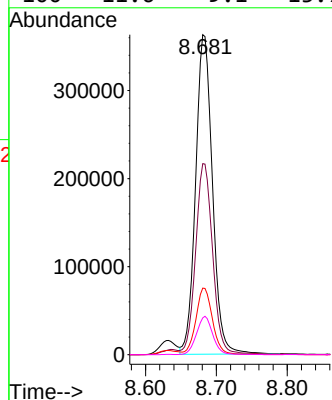
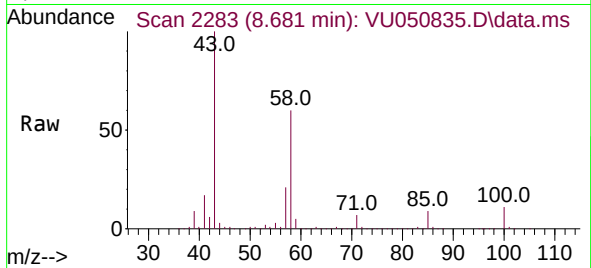


#48
2-Hexanone
Concen: 106.892 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Instrument :
MSVOA_U
ClientSampleId :
VICV036

Tgt Ion: 43 Resp: 600551

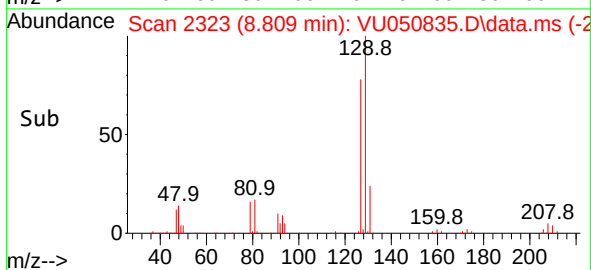
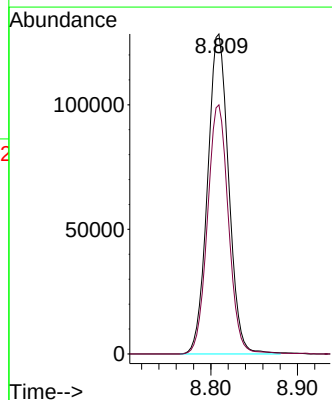
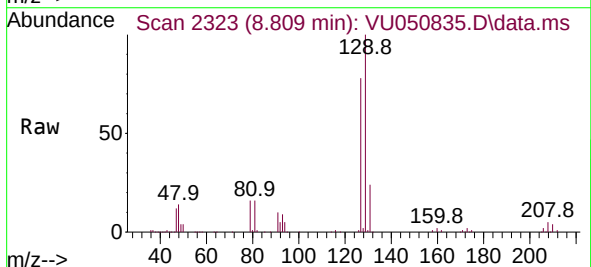
Ion	Ratio	Lower	Upper
43	100		
58	60.1	47.2	70.8
57	20.2	16.2	24.4
100	11.6	9.1	13.7

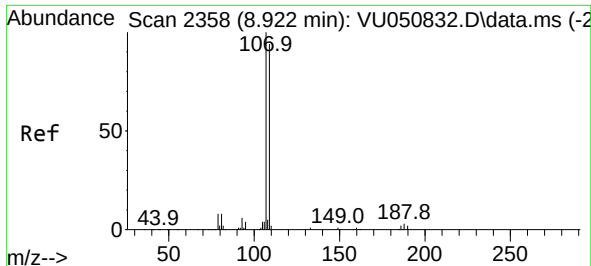


#49
Dibromochloromethane
Concen: 49.345 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Tgt Ion: 129 Resp: 217534

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.5	101.1

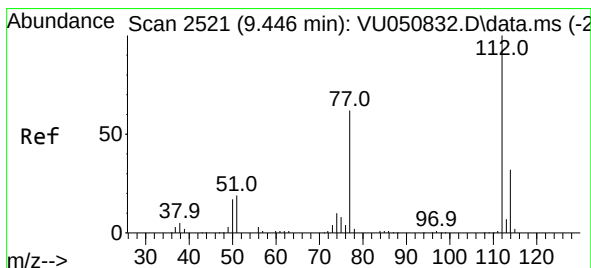
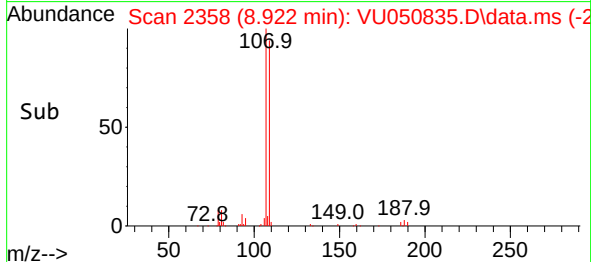
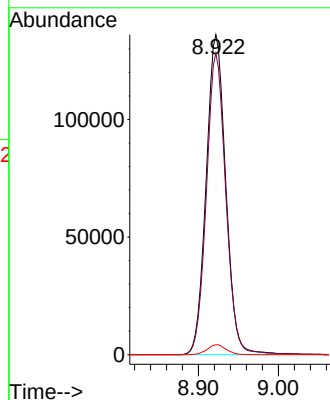
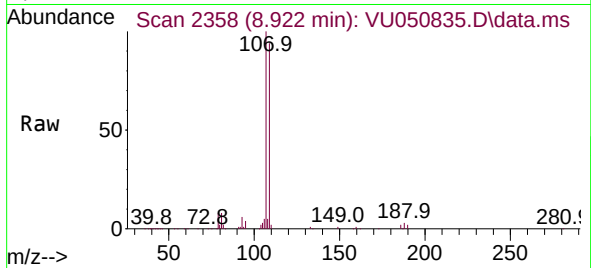




#50
1,2-Dibromoethane
Concen: 49.759 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

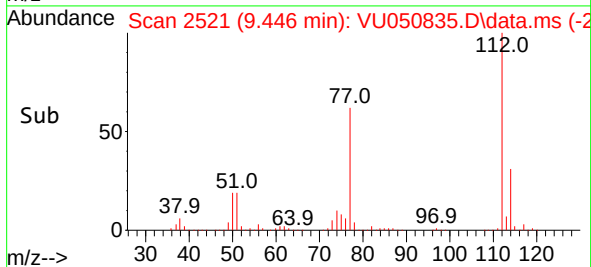
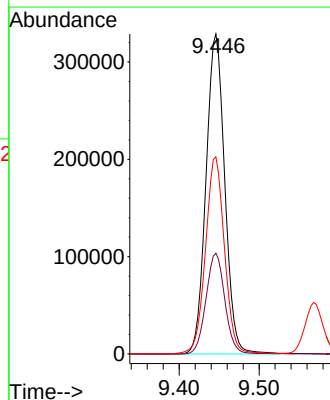
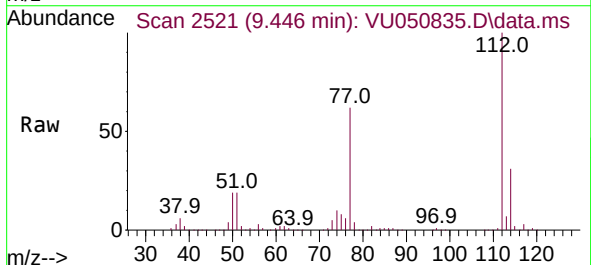
Instrument :
MSVOA_U
ClientSampleId :
VICV036

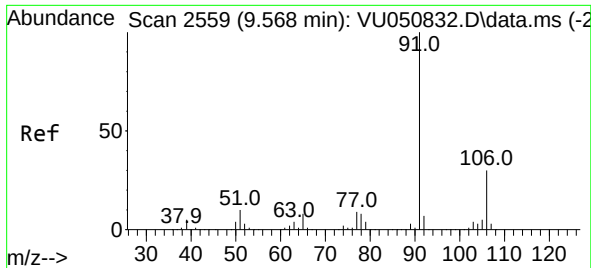
Tgt Ion:107 Resp: 232114
Ion Ratio Lower Upper
107 100
109 94.2 66.0 122.6
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 49.698 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Tgt Ion:112 Resp: 537013
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.3
77 61.6 49.8 74.8

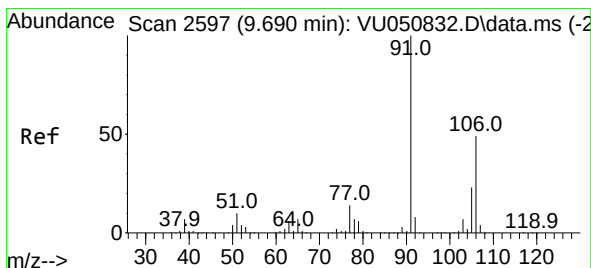
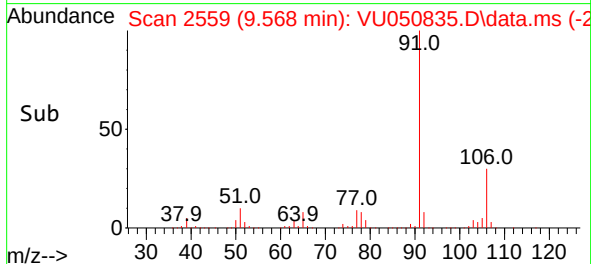
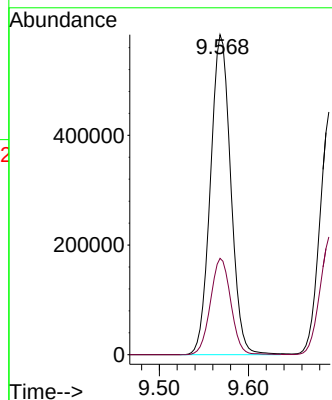
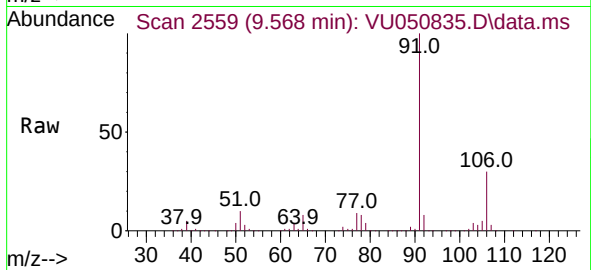




#52
Ethylbenzene
Concen: 52.177 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

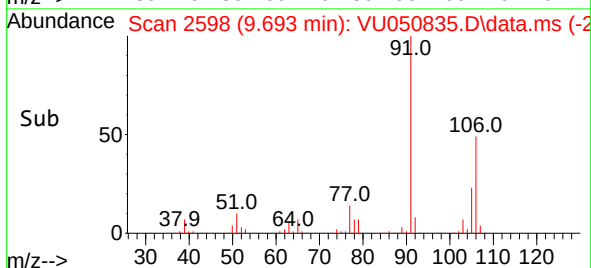
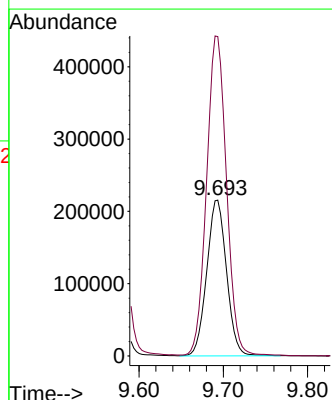
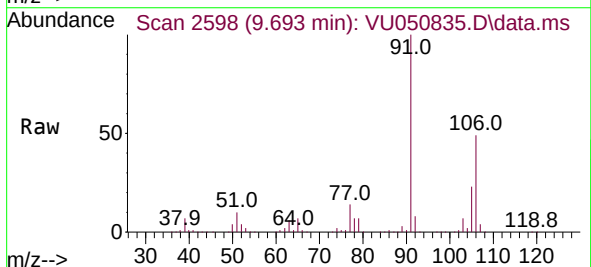
Instrument :
MSVOA_U
ClientSampleId :
VICV036

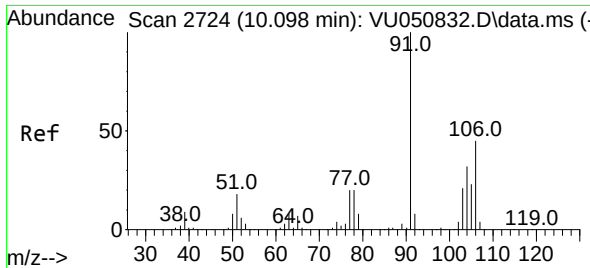
Tgt Ion: 91 Resp: 921292
Ion Ratio Lower Upper
91 100
106 30.1 21.0 39.0



#53
m,p-Xylene
Concen: 53.675 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Tgt Ion: 106 Resp: 352355
Ion Ratio Lower Upper
106 100
91 205.0 144.0 267.4

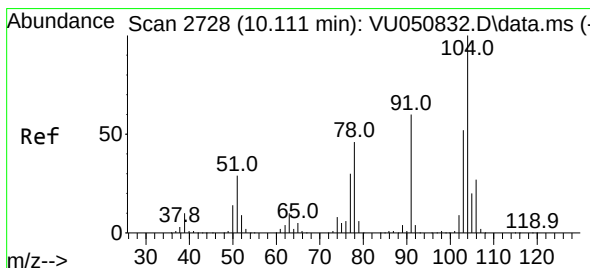
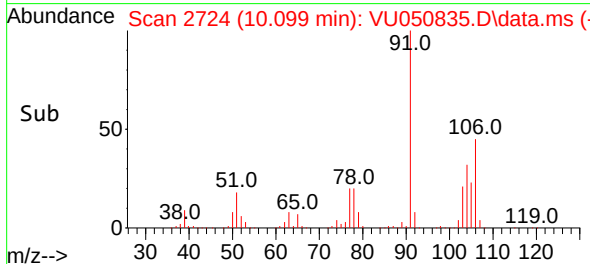
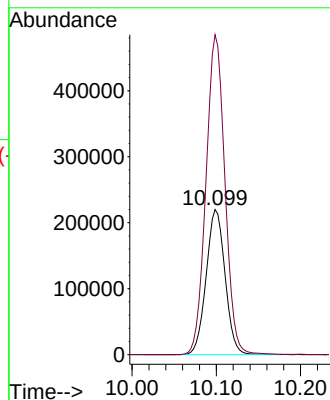
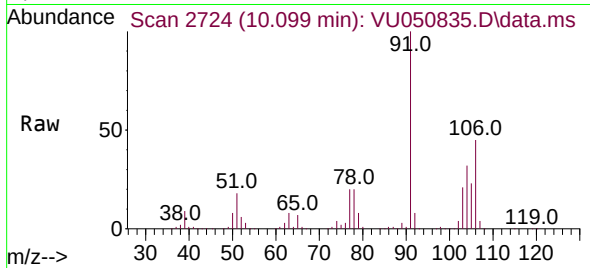




#54
o-Xylene
Concen: 52.602 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

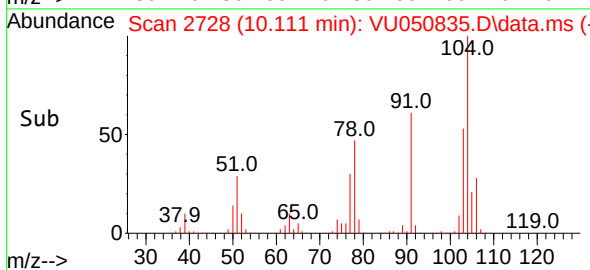
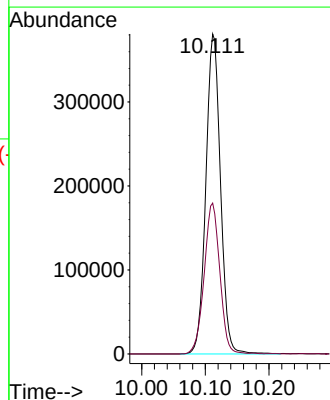
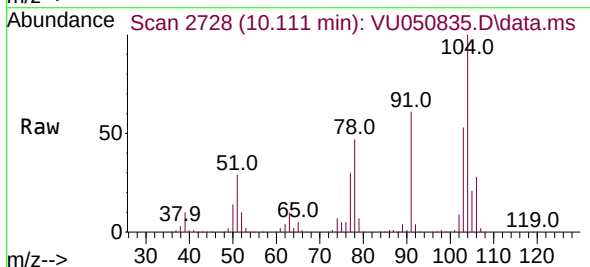
Instrument :
MSVOA_U
ClientSampleId :
VICV036

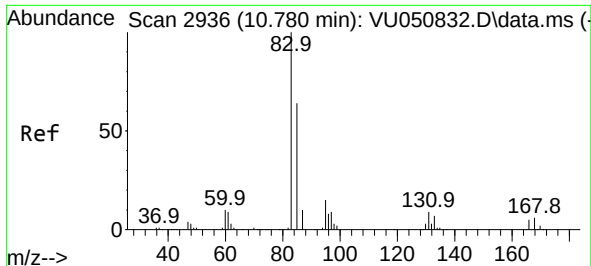
Tgt Ion:106 Resp: 344057
Ion Ratio Lower Upper
106 100
91 220.5 154.6 287.0



#55
Styrene
Concen: 54.221 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Tgt Ion:104 Resp: 608045
Ion Ratio Lower Upper
104 100
78 47.1 32.4 60.2

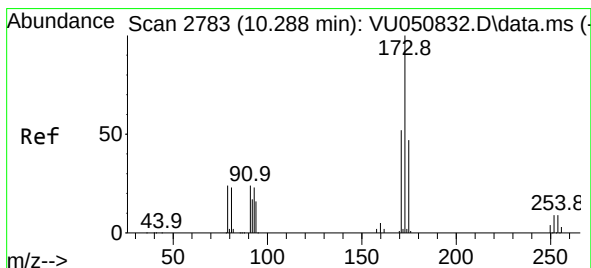
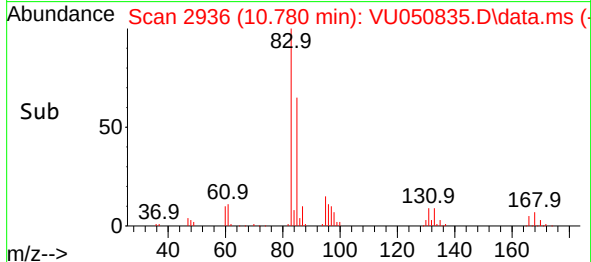
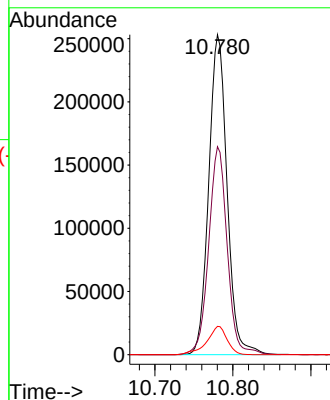
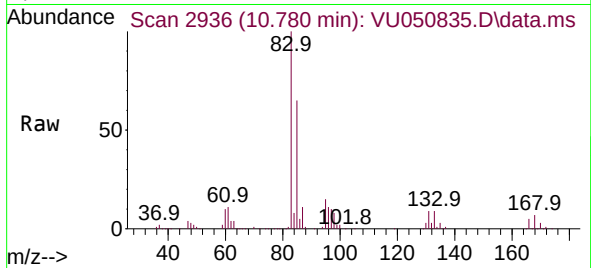




#57
 1,1,2,2-Tetrachloroethane
 Concen: 49.672 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU050835.D
 Acq: 20 Sep 2022 16:17

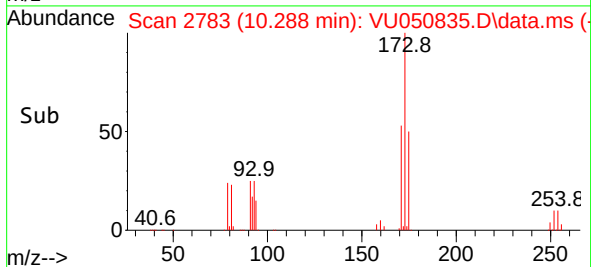
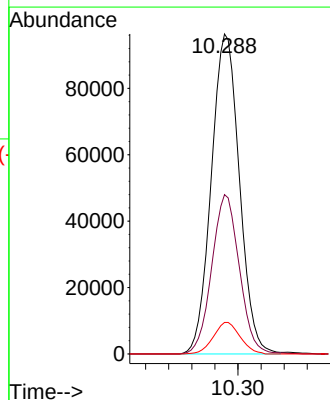
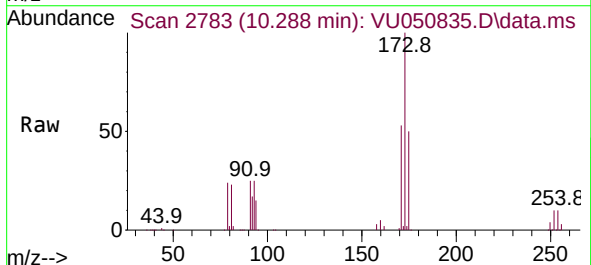
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

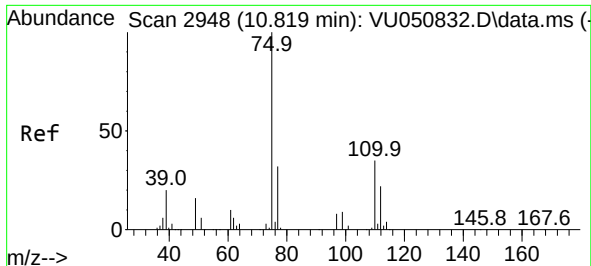
Tgt Ion: 83 Resp: 413237
 Ion Ratio Lower Upper
 83 100
 85 65.0 45.1 83.9
 131 8.8 7.1 10.7



#59
 Bromoform
 Concen: 46.109 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: VU050835.D
 Acq: 20 Sep 2022 16:17

Tgt Ion:173 Resp: 162845
 Ion Ratio Lower Upper
 173 100
 175 48.9 37.8 56.8
 254 9.4 7.1 10.7

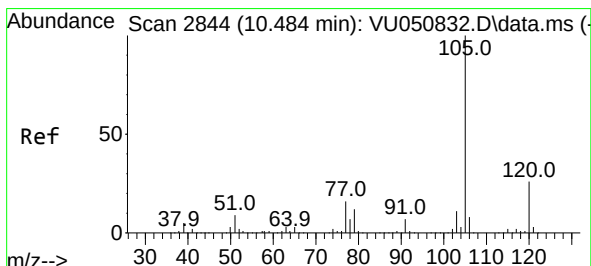
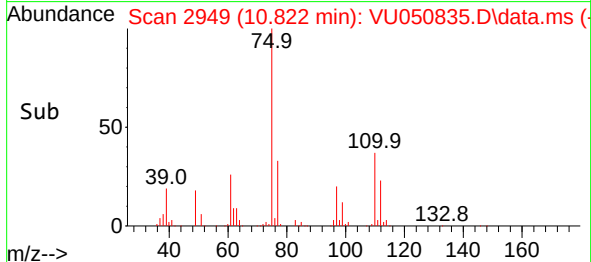
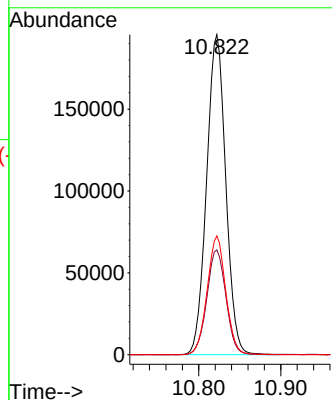
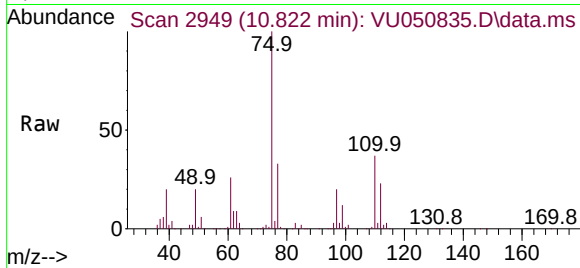




#60
1,2,3-Trichloropropane
Concen: 46.087 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

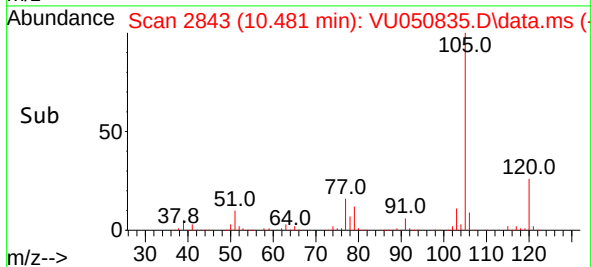
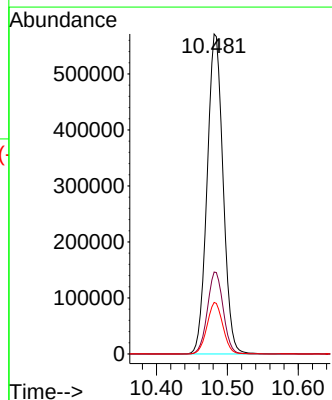
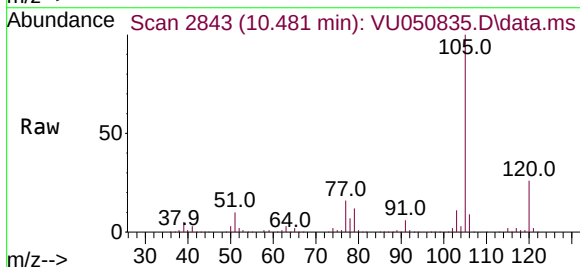
Instrument :
MSVOA_U
ClientSampleId :
VICV036

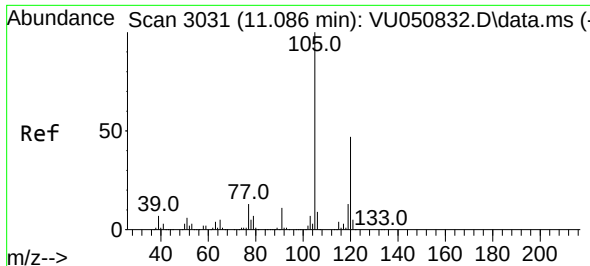
Tgt Ion: 75 Resp: 317192
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
110 36.0 28.6 43.0



#61
Isopropylbenzene
Concen: 50.938 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Tgt Ion: 105 Resp: 890731
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.1 12.9 19.3

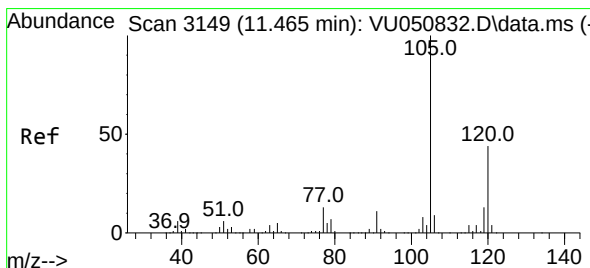
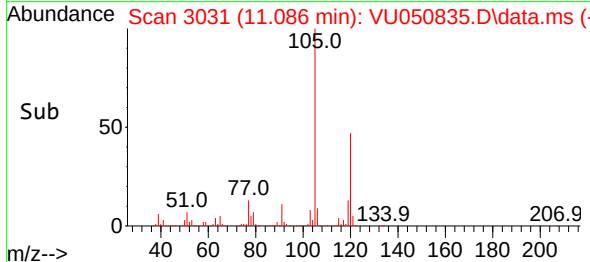
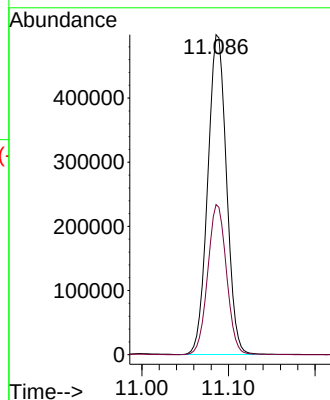
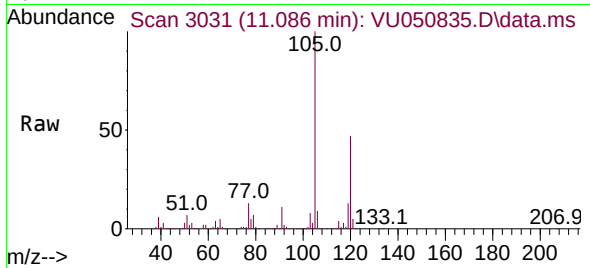




#62
 1,3,5-Trimethylbenzene
 Concen: 52.232 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU050835.D
 Acq: 20 Sep 2022 16:17

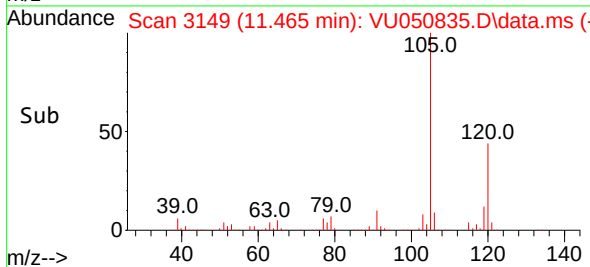
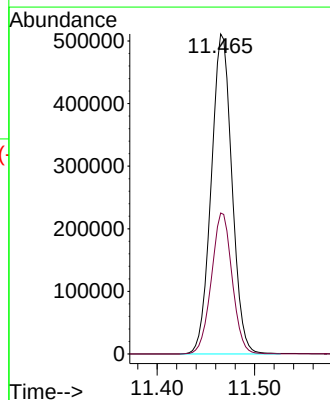
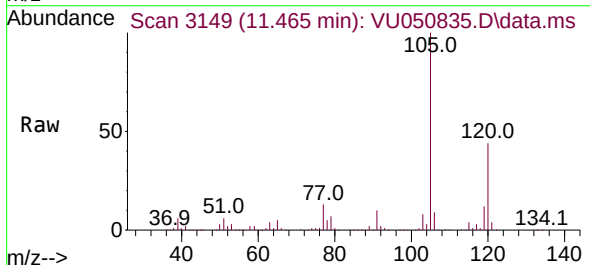
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

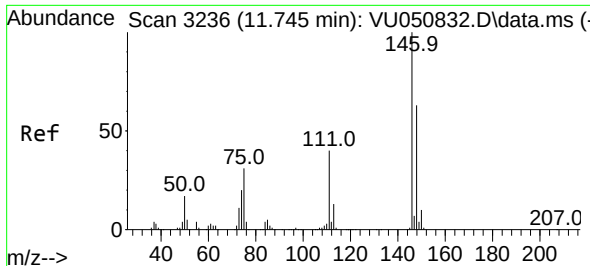
Tgt Ion:105 Resp: 750828
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 53.041 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU050835.D
 Acq: 20 Sep 2022 16:17

Tgt Ion:105 Resp: 755066
 Ion Ratio Lower Upper
 105 100
 120 44.2 34.9 52.3

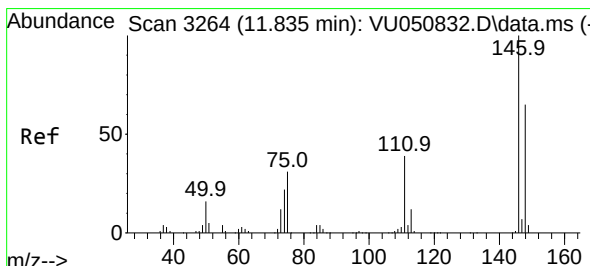
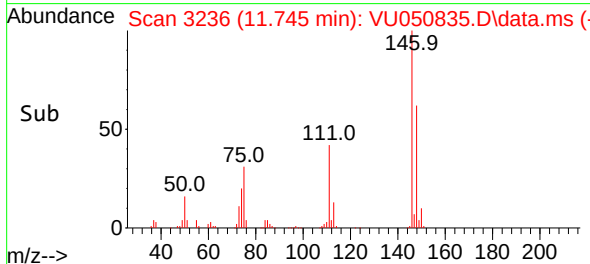
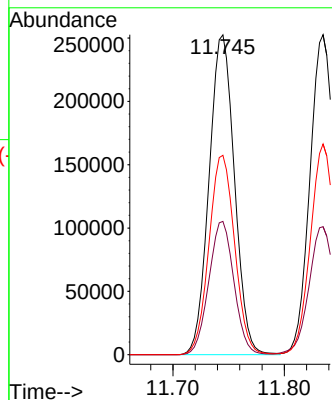
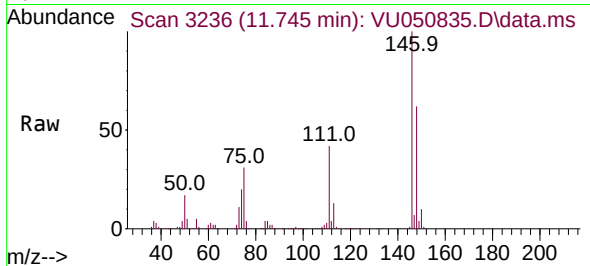




#64
1,3-Dichlorobenzene
Concen: 50.047 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

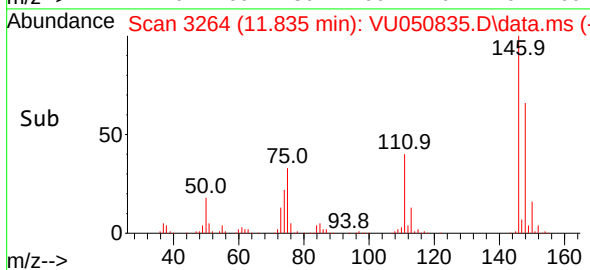
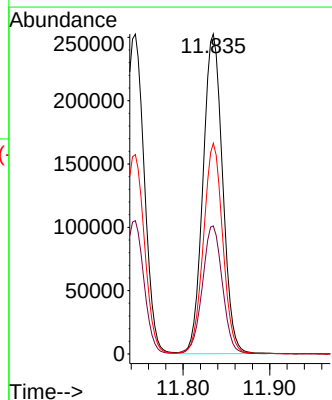
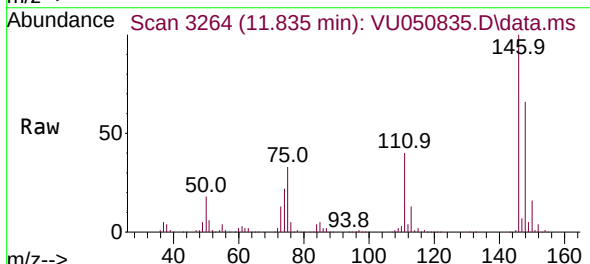
Instrument :
MSVOA_U
ClientSampleId :
VICV036

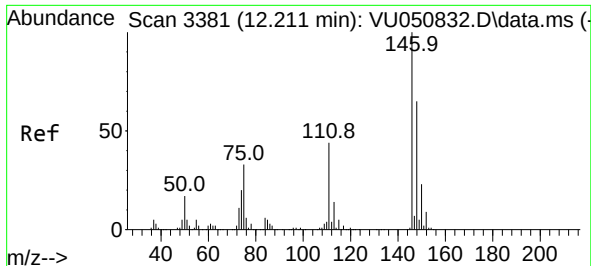
Tgt Ion:146 Resp: 400203
Ion Ratio Lower Upper
146 100
111 41.7 27.9 51.7
148 62.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 48.765 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Tgt Ion:146 Resp: 395890
Ion Ratio Lower Upper
146 100
111 40.0 27.5 51.1
148 65.9 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 49.942 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

VICV036

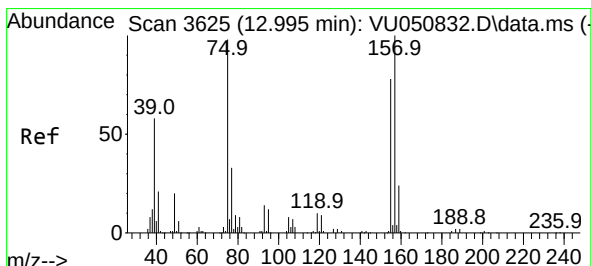
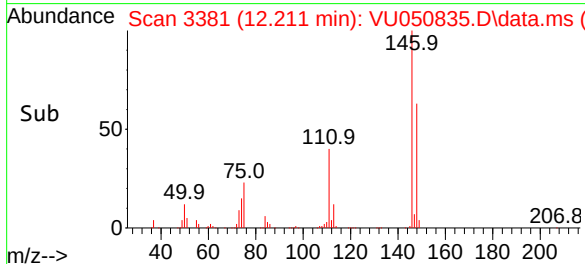
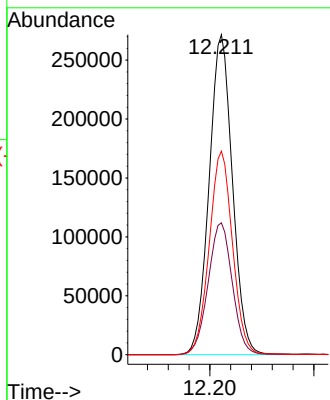
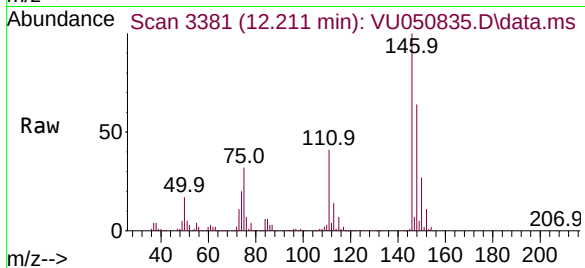
Tgt Ion:146 Resp: 422862

Ion Ratio Lower Upper

146 100

111 41.2 35.2 52.8

148 63.6 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 50.413 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050835.D

Acq: 20 Sep 2022 16:17

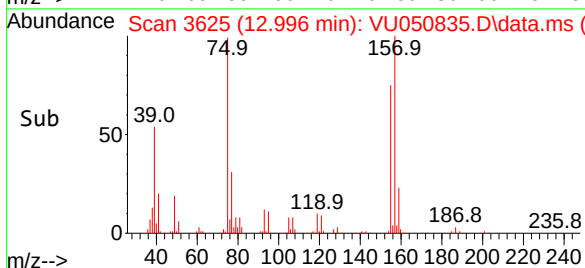
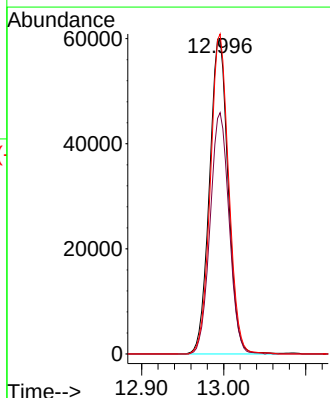
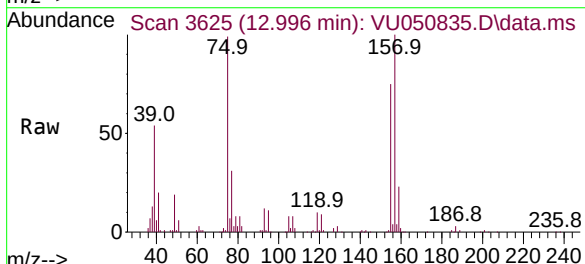
Tgt Ion: 75 Resp: 95429

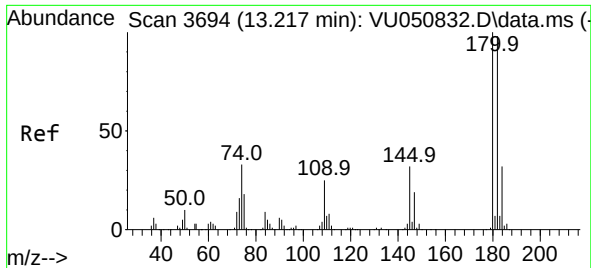
Ion Ratio Lower Upper

75 100

155 76.5 63.8 95.8

157 101.4 81.8 122.8

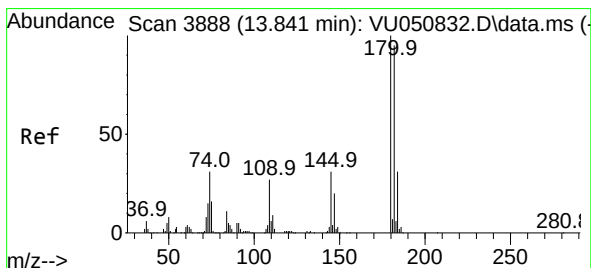
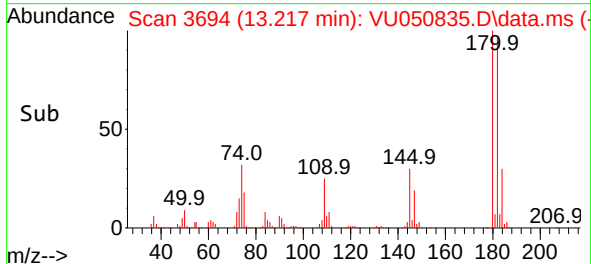
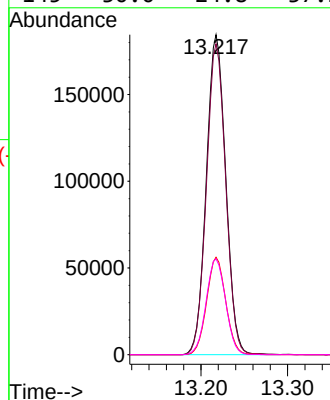
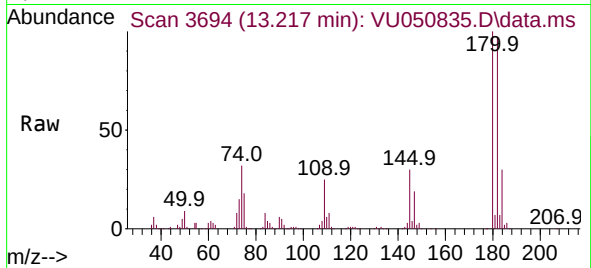




#69
 1,3,5-Trichlorobenzene
 Concen: 51.383 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU050835.D
 Acq: 20 Sep 2022 16:17

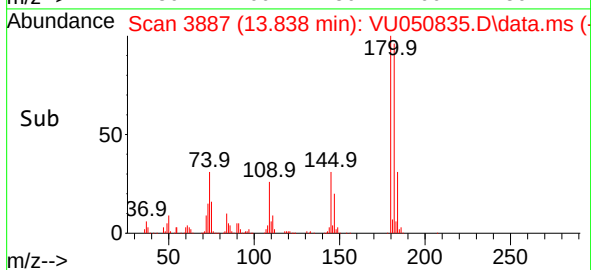
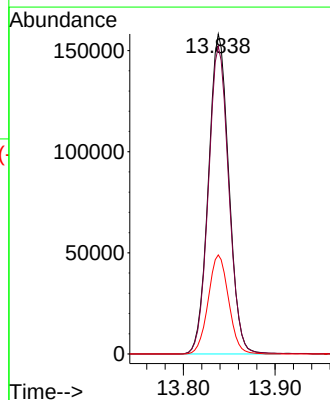
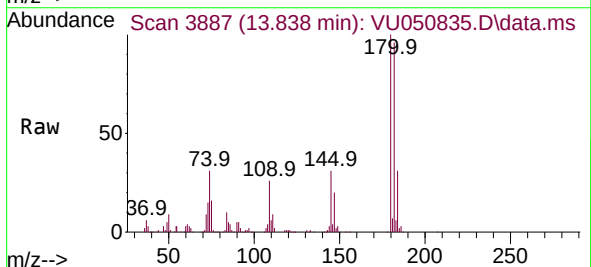
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

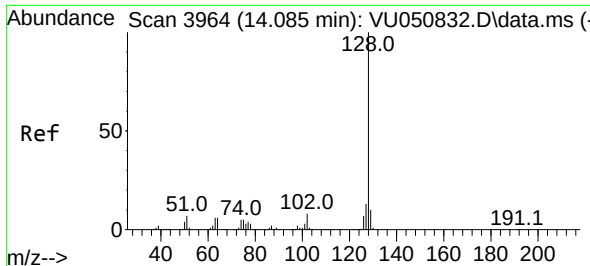
Tgt Ion:	180	Resp:	287478
Ion Ratio	Lower	Upper	
180	100		
182	96.2	78.2	117.2
184	30.0	24.8	37.2
145	30.0	24.8	37.2



#70
 1,2,4-trichlorobenzene
 Concen: 53.473 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU050835.D
 Acq: 20 Sep 2022 16:17

Tgt Ion:	180	Resp:	244829
Ion Ratio	Lower	Upper	
180	100		
182	96.3	76.2	114.2
145	30.8	25.1	37.7

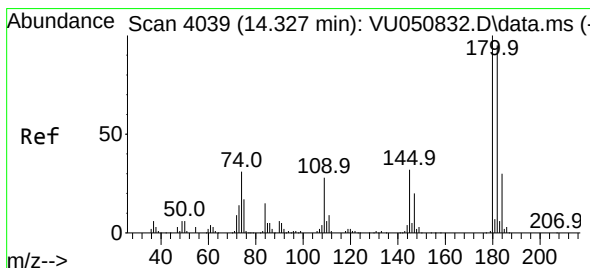
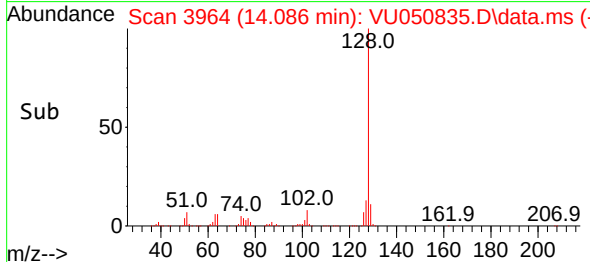
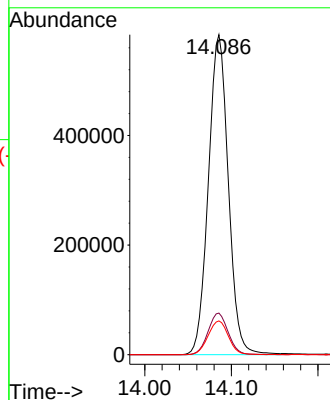
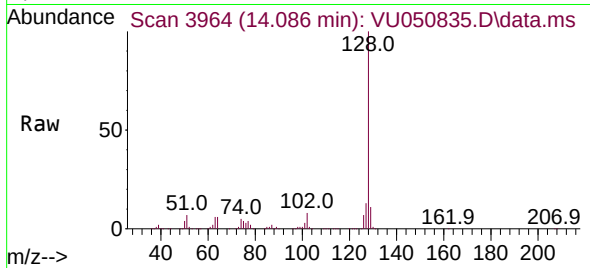




#71
Naphthalene
Concen: 53.093 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Instrument :
MSVOA_U
ClientSampleId :
VICV036

Tgt Ion:128 Resp: 934251
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 52.782 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU050835.D
Acq: 20 Sep 2022 16:17

Tgt Ion:180 Resp: 270471
Ion Ratio Lower Upper
180 100
182 96.6 76.9 115.3
145 32.6 26.3 39.5

