

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071122\
 Data File : U049671.D
 Acq On : 11 Jul 2022 12:43
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV006

Quant Time: Jul 12 02:30:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:23:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	235614	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	217459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	107435	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	98130	49.362	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.720%
7) Chloroethane-d5	1.903	69	71375	49.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.340%
11) 1,1-Dichloroethene-d2	2.565	63	175403	49.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.900%
21) 2-Butanone-d5	4.616	46	174461	102.801	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.800%
24) Chloroform-d	5.060	84	176811	50.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.440%
26) 1,2-Dichloroethane-d4	5.700	65	115699	48.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
32) Benzene-d6	5.726	84	336154	50.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.760%
36) 1,2-Dichloropropane-d6	6.690	67	114046	51.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.640%
41) Toluene-d8	7.896	98	297417	51.697	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.176	79	49294	52.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.300%
47) 2-Hexanone-d5	8.629	63	104559	104.606	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.610%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	158432	50.956	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.920%
66) 1,2-Dichlorobenzene-d4	12.192	152	103657	51.173	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	135830	48.093	ug/L	98
3) Chloromethane	1.520	50	150223	48.464	ug/L	97
5) Vinyl chloride	1.600	62	131582	46.977	ug/L	98
6) Bromomethane	1.842	94	69190	53.464	ug/L	99
8) Chloroethane	1.925	64	72954	47.018	ug/L	98
9) Trichlorofluoromethane	2.131	101	164891	47.669	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	86349	47.573	ug/L	100
12) 1,1-Dichloroethene	2.575	96	81389	48.314	ug/L	91
13) Acetone	2.623	43	126684	78.548	ug/L	97
14) Carbon disulfide	2.787	76	264099	46.491	ug/L	99
15) Methyl Acetate	2.944	43	127872	48.802	ug/L	99
16) Methylene chloride	3.041	84	101475	47.835	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	86526	46.953	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	306168	48.505	ug/L	99
19) 1,1-Dichloroethane	3.867	63	183797	47.907	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	99703	48.140	ug/L	95
22) 2-Butanone	4.697	43	200643	92.920	ug/L	99
23) Bromochloromethane	4.970	128	49495	47.895	ug/L	99
25) Chloroform	5.086	83	183963	47.819	ug/L	99

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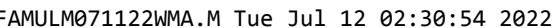
Instrument :
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 ClientSampleId :
 VICV006

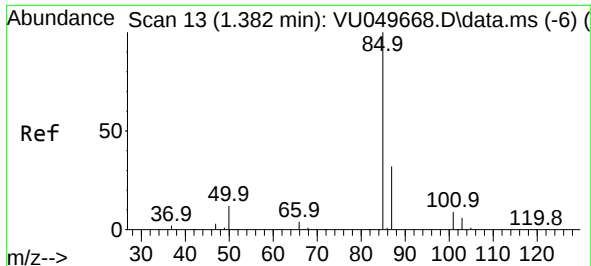
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 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:23:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	152888	46.672	ug/L	98
29) Cyclohexane	5.385	56	170310	50.175	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	155790	49.485	ug/L	99
31) Carbon tetrachloride	5.523	117	127695	49.593	ug/L	99
33) Benzene	5.771	78	398333	48.732	ug/L	100
34) Trichloroethene	6.539	95	95660	48.415	ug/L	97
35) Methylcyclohexane	6.761	83	159999	51.532	ug/L	100
37) 1,2-Dichloropropane	6.790	63	111526	49.225	ug/L	99
38) Bromodichloromethane	7.105	83	135419	48.209	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	157433	51.523	ug/L	96
40) 4-Methyl-2-pentanone	7.787	43	366700	99.979	ug/L	100
42) Toluene	7.967	91	401360	49.405	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	142425	49.643	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	95156	48.118	ug/L	100
46) Tetrachloroethene	8.552	164	66749	48.709	ug/L	99
48) 2-Hexanone	8.681	43	289505	98.774	ug/L	98
49) Dibromochloromethane	8.809	129	96560	48.547	ug/L	97
50) 1,2-Dibromoethane	8.922	107	98608	50.197	ug/L	99
51) Chlorobenzene	9.446	112	239267	48.635	ug/L	99
52) Ethylbenzene	9.568	91	421917	49.216	ug/L	99
53) m,p-Xylene	9.690	106	156536	50.217	ug/L	98
54) o-Xylene	10.099	106	156728	49.933	ug/L	97
55) Styrene	10.111	104	264864	51.133	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	172053	48.604	ug/L	100
59) Bromoform	10.288	173	69421	48.177	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	138849	48.521	ug/L	100
61) Isopropylbenzene	10.481	105	409894	51.095	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	347970	51.424	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	345365	51.376	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	170246	48.615	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	168233	47.824	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	177196	48.661	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	42487	50.670	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	121319	49.440	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	105999	47.071	ug/L	97
71) Naphthalene	14.086	128	422058	52.429	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	116506	49.947	ug/L	98

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

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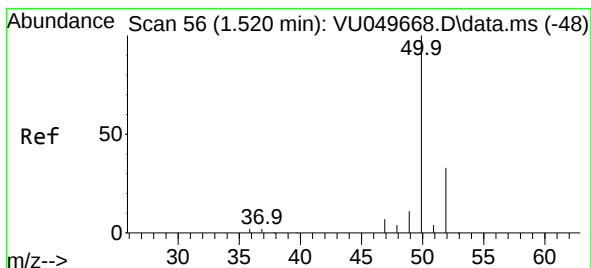
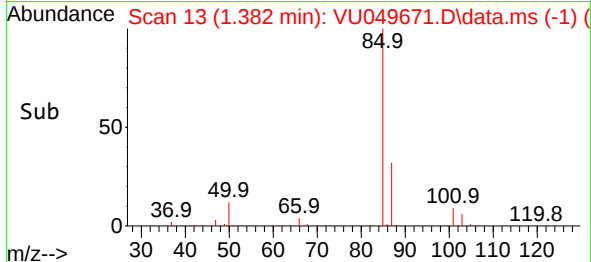
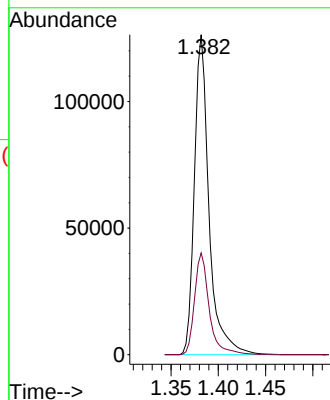
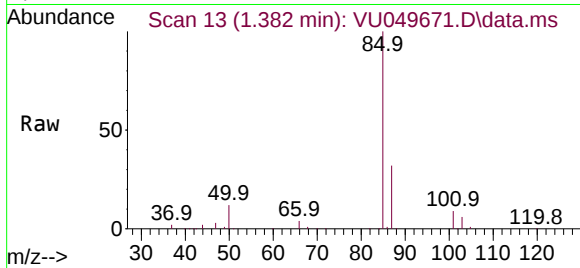




#2
Dichlorodifluoromethane
Concen: 48.093 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

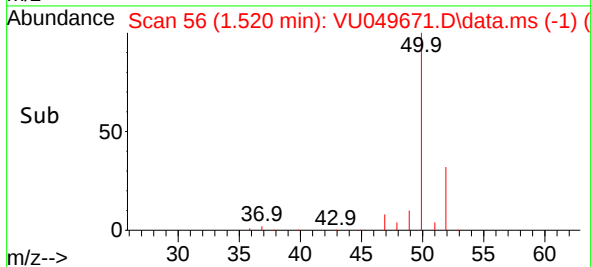
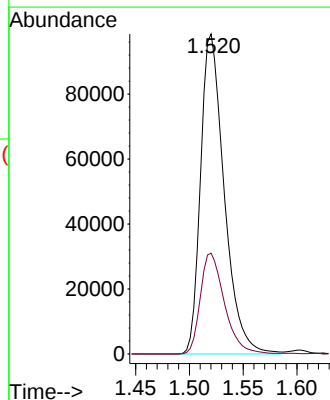
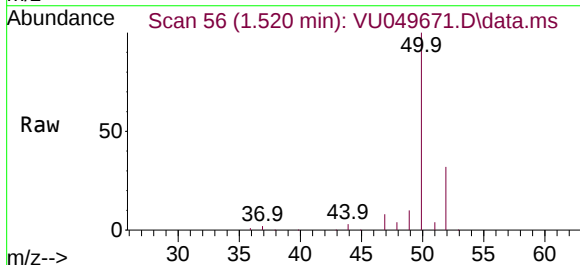
Instrument :
MSVOA_U
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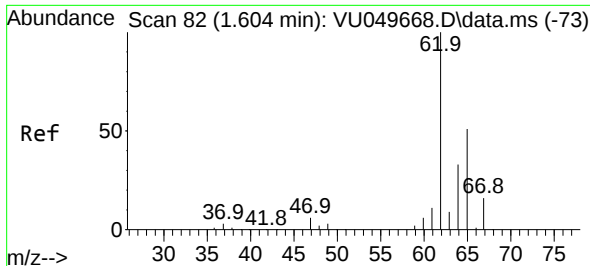
Tgt Ion: 85 Resp: 135830
Ion Ratio Lower Upper
85 100
87 31.9 26.3 39.5



#3
Chloromethane
Concen: 48.464 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion: 50 Resp: 150223
Ion Ratio Lower Upper
50 100
52 31.5 23.2 43.0

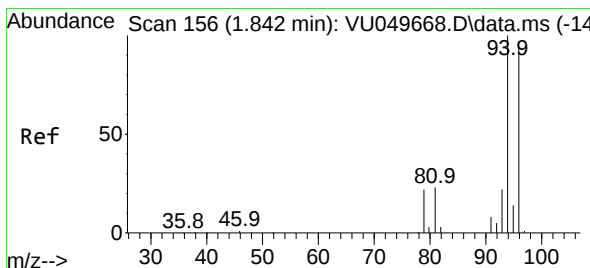
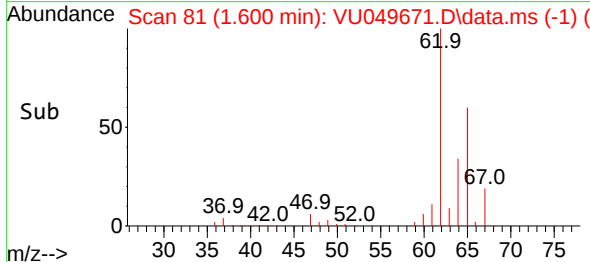
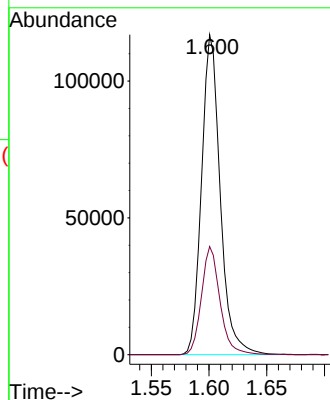
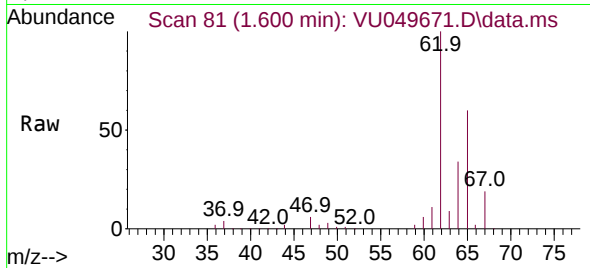




#5
 Vinyl chloride
 Concen: 46.977 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU049671.D
 Acq: 11 Jul 2022 12:43

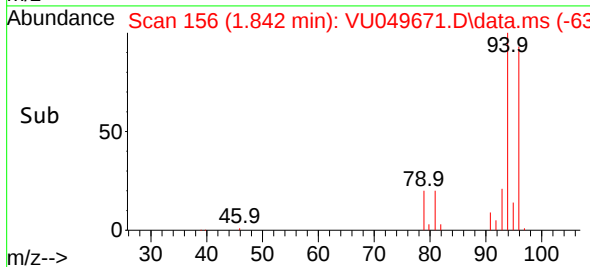
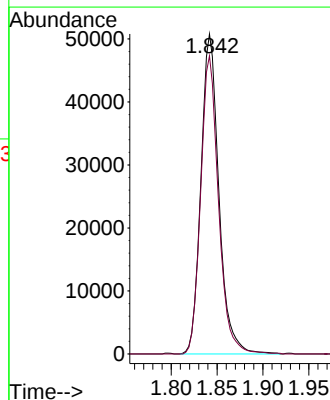
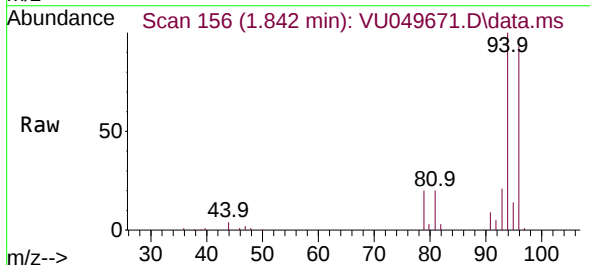
Instrument :
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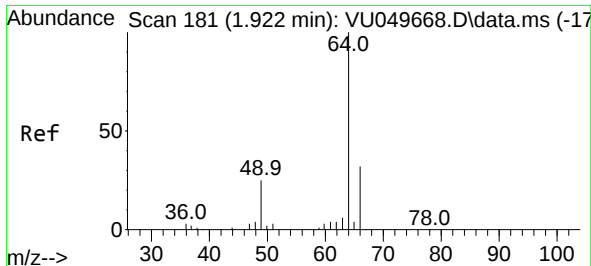
Tgt Ion: 62 Resp: 131582
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.0 42.6



#6
 Bromomethane
 Concen: 53.464 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.000 min
 Lab File: VU049671.D
 Acq: 11 Jul 2022 12:43

Tgt Ion: 94 Resp: 69190
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.1 122.7

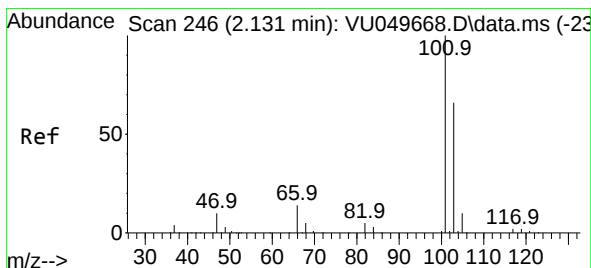
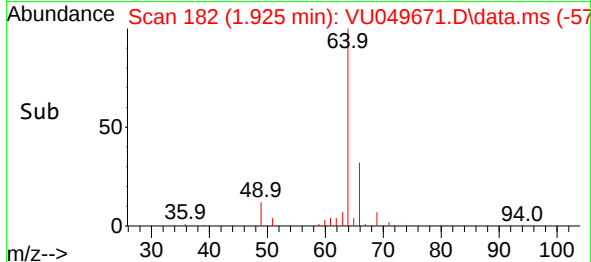
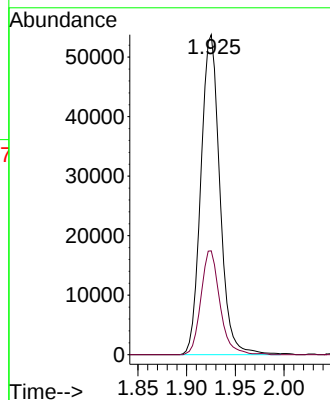
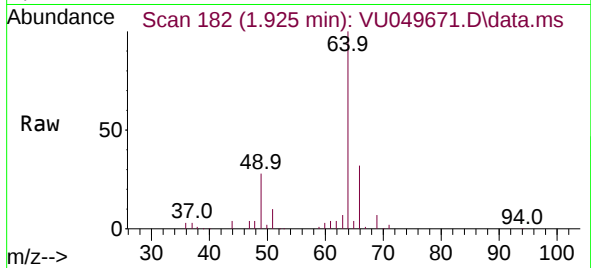




#8
Chloroethane
Concen: 47.018 ug/L
RT: 1.925 min Scan# 181
Delta R.T. 0.003 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

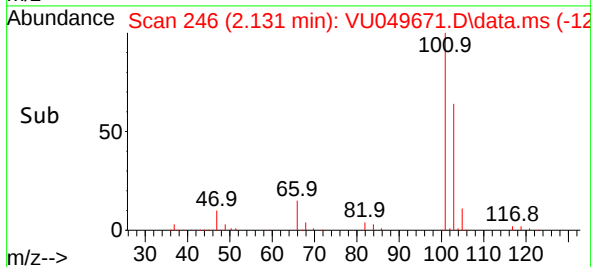
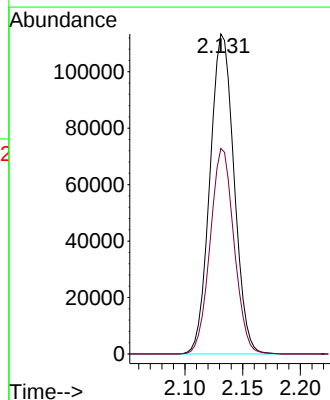
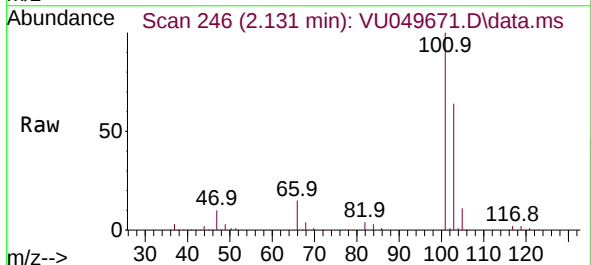
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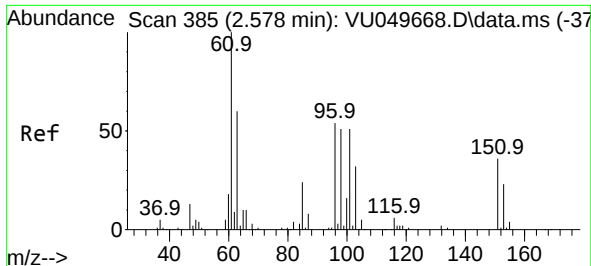
Tgt Ion: 64 Resp: 72954
Ion Ratio Lower Upper
64 100
66 32.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 47.669 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion:101 Resp: 164891
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.4

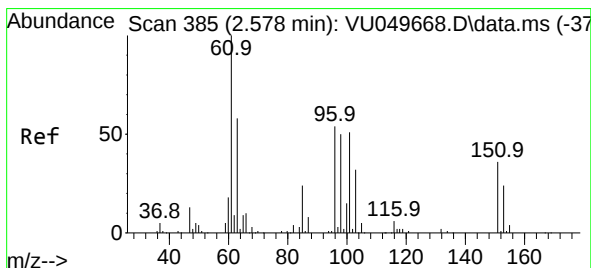
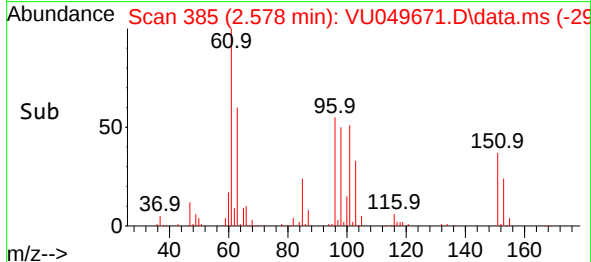
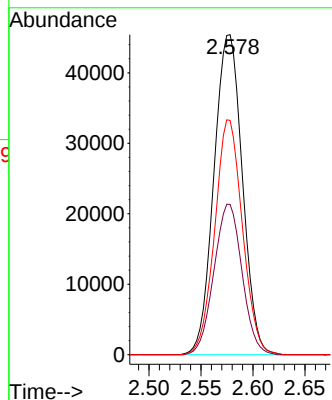
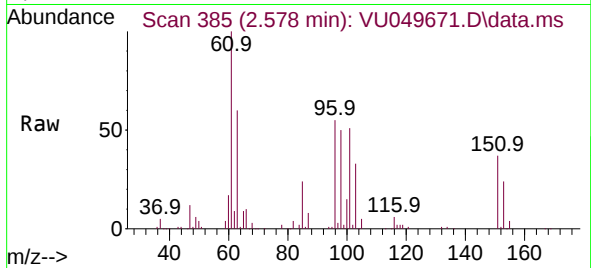




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.573 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049671.D
 Acq: 11 Jul 2022 12:43

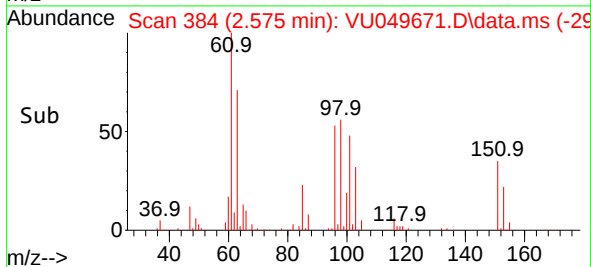
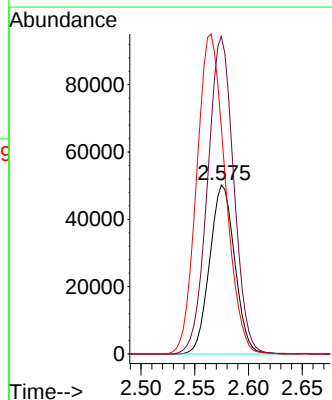
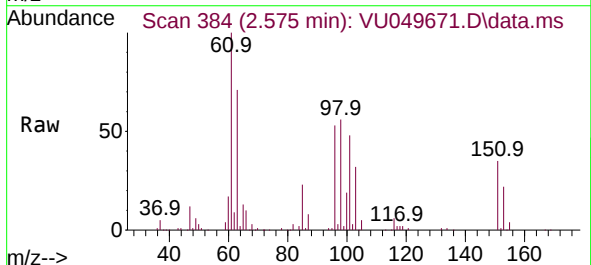
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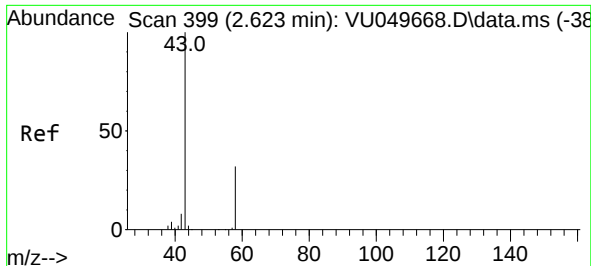
Tgt Ion:101 Resp: 86349
 Ion Ratio Lower Upper
 101 100
 85 46.5 37.3 55.9
 151 71.7 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 48.314 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049671.D
 Acq: 11 Jul 2022 12:43

Tgt Ion: 96 Resp: 81389
 Ion Ratio Lower Upper
 96 100
 61 188.2 129.6 240.6
 63 134.2 79.0 146.6





#13

Acetone

Concen: 78.548 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

Instrument :

MSVOA_U

ClientSampleId :

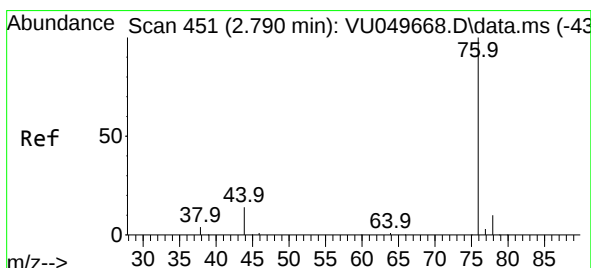
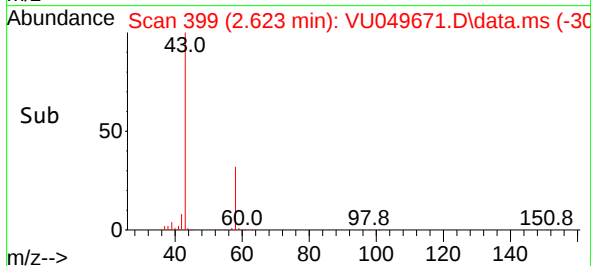
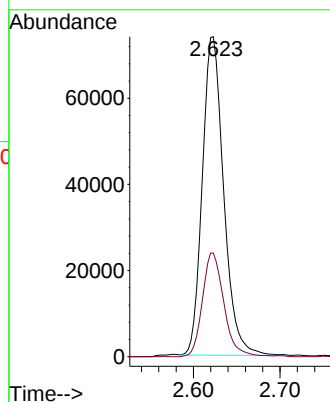
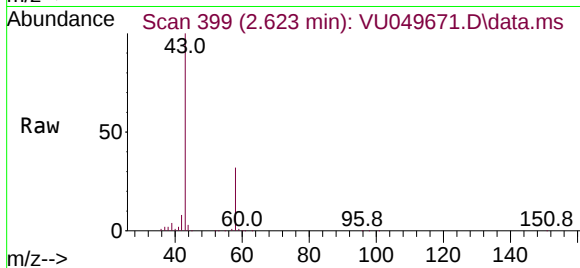
VICV006

Tgt Ion: 43 Resp: 126684

Ion Ratio Lower Upper

43 100

58 32.6 0.0 61.4



#14

Carbon disulfide

Concen: 46.491 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU049671.D

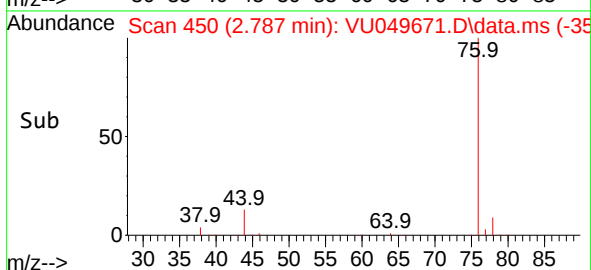
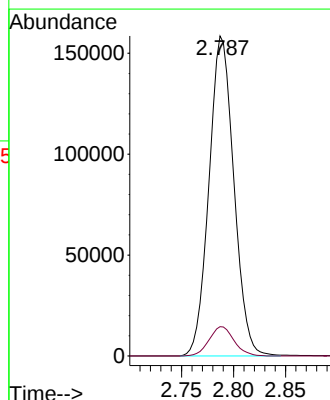
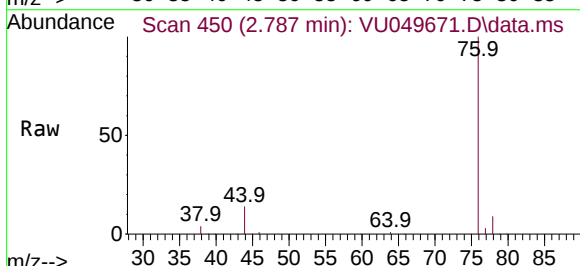
Acq: 11 Jul 2022 12:43

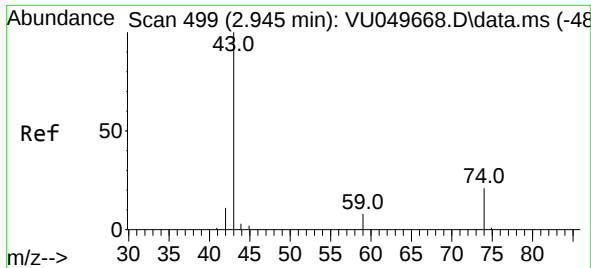
Tgt Ion: 76 Resp: 264099

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

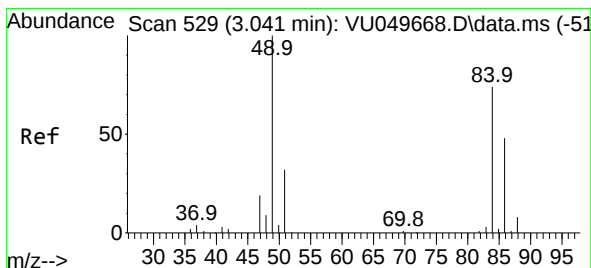
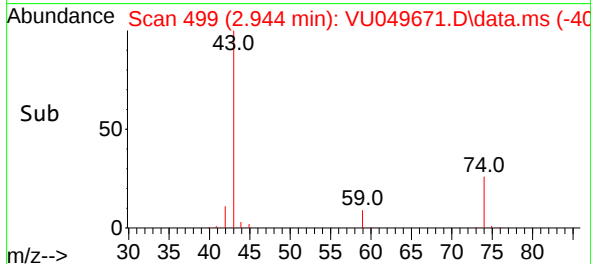
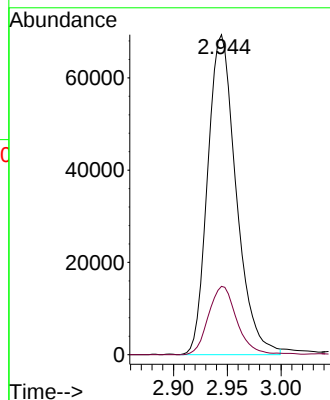
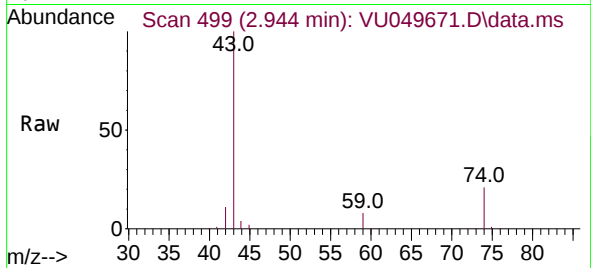




#15
Methyl Acetate
Concen: 48.802 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

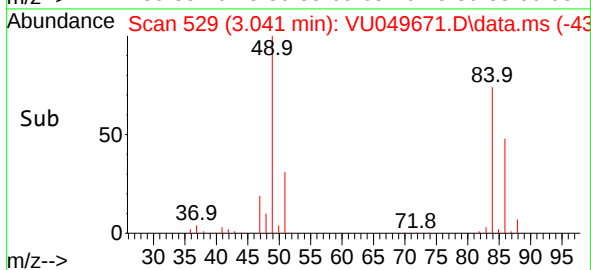
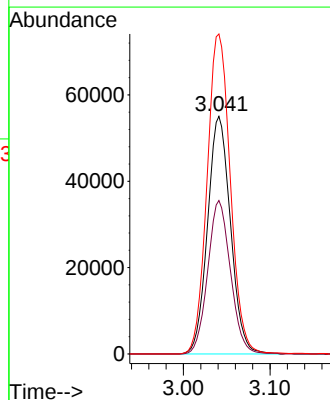
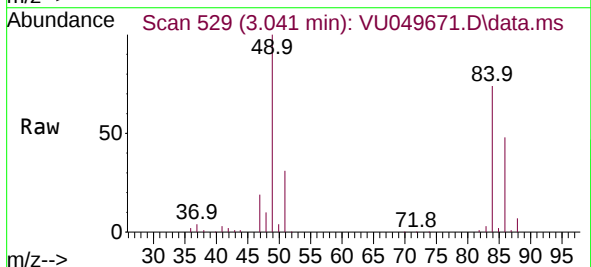
Instrument :
MSVOA_U
ClientSampleId :
VICV006

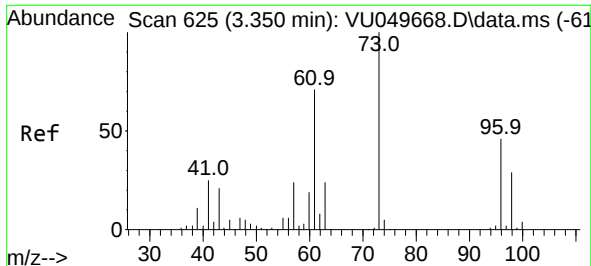
Tgt Ion: 43 Resp: 127872
Ion Ratio Lower Upper
43 100
74 21.1 17.4 26.0



#16
Methylene chloride
Concen: 47.835 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion: 84 Resp: 101475
Ion Ratio Lower Upper
84 100
86 64.6 45.6 84.6
49 134.6 94.4 175.4





#17

trans-1,2-Dichloroethene

Concen: 46.953 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

Instrument :

MSVOA_U

ClientSampleId :

VICV006

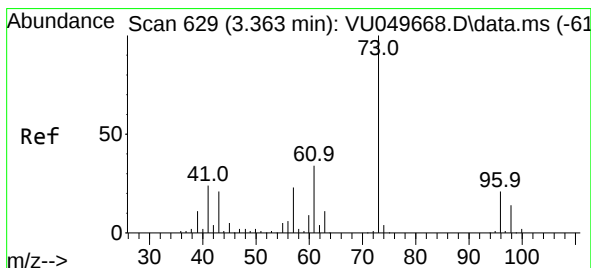
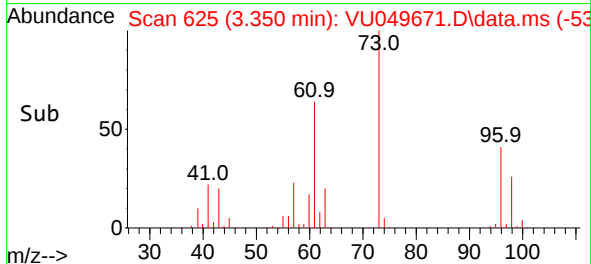
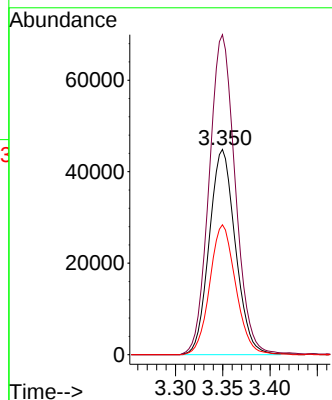
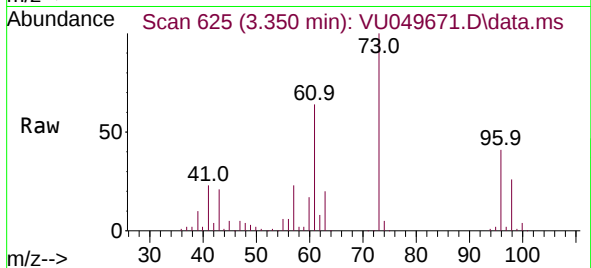
Tgt Ion: 96 Resp: 86526

Ion Ratio Lower Upper

96 100

61 155.9 107.6 199.8

98 63.3 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 48.505 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

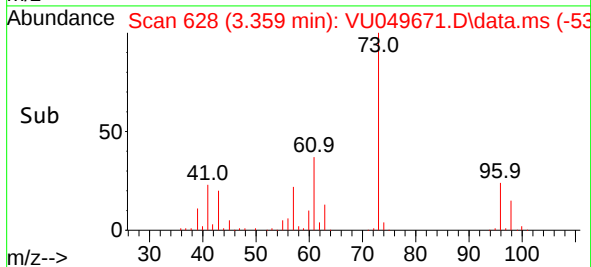
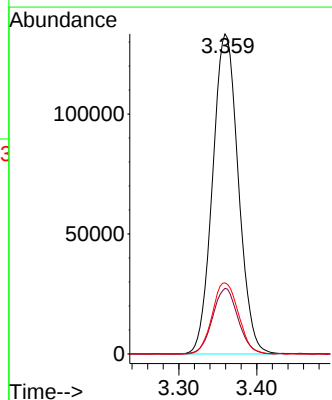
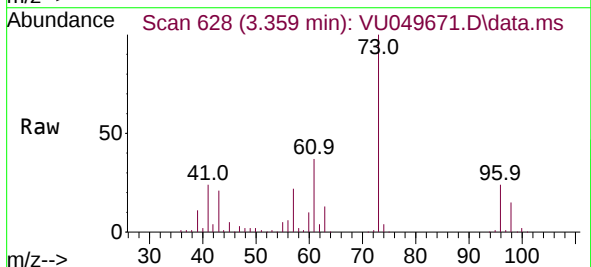
Tgt Ion: 73 Resp: 306168

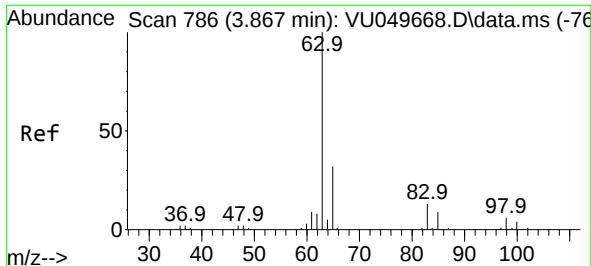
Ion Ratio Lower Upper

73 100

43 20.4 17.0 25.4

57 22.7 18.5 27.7

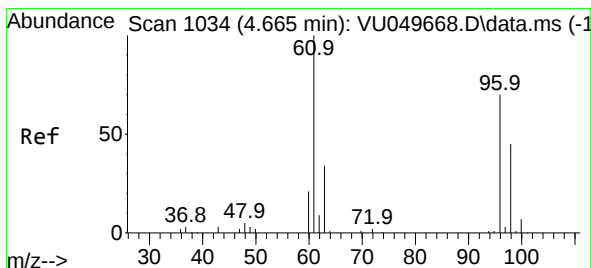
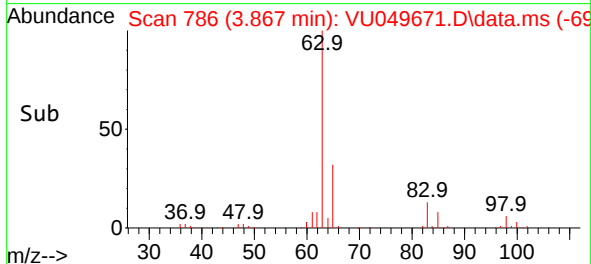
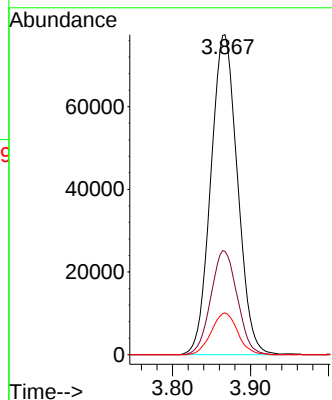
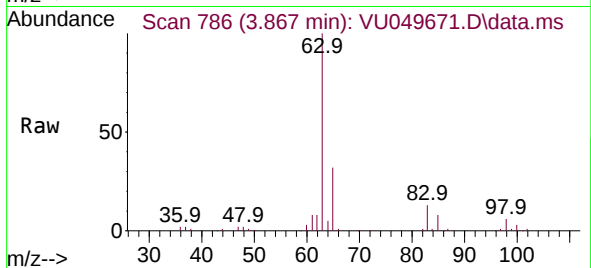




#19
1,1-Dichloroethane
Concen: 47.907 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

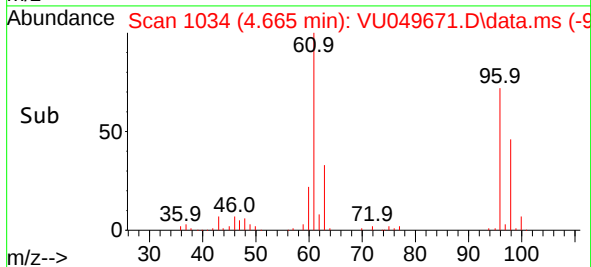
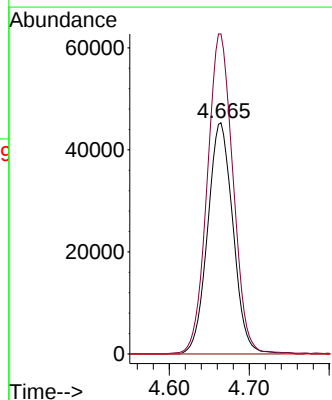
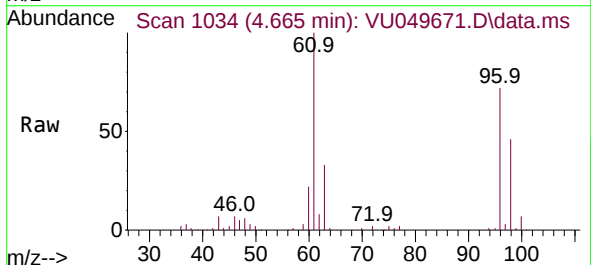
Instrument :
MSVOA_U
ClientSampleId :
VICV006

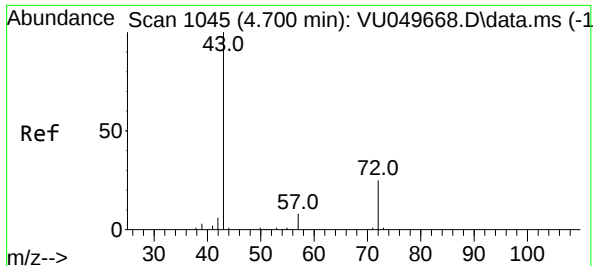
Tgt Ion: 63 Resp: 183797
Ion Ratio Lower Upper
63 100
65 32.3 22.6 42.0
83 13.1 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 48.140 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion: 96 Resp: 99703
Ion Ratio Lower Upper
96 100
61 138.4 101.1 187.7
68 0.0 0.0 0.0

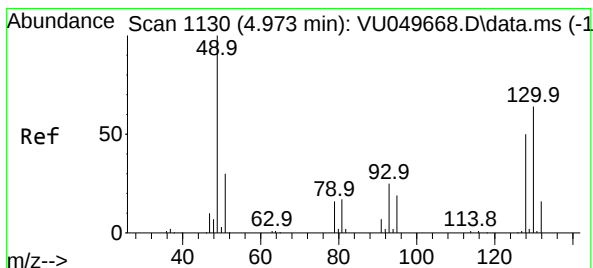
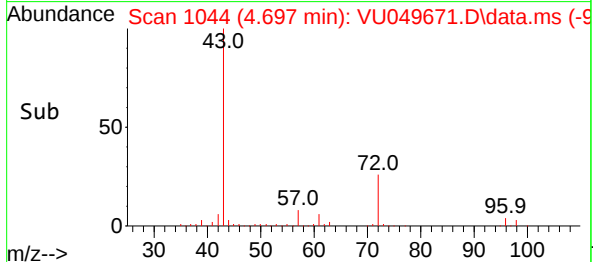
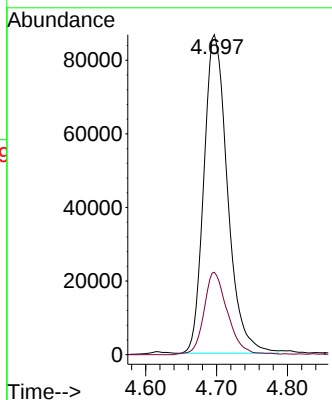
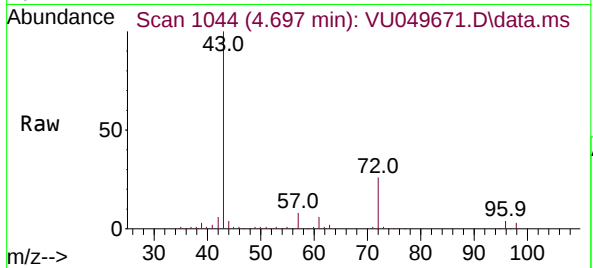




#22
2-Butanone
Concen: 92.920 ug/L
RT: 4.697 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

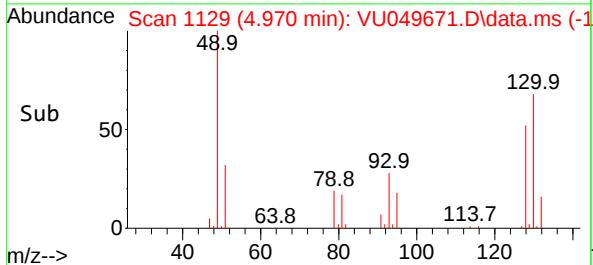
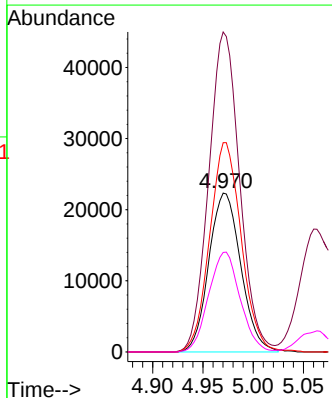
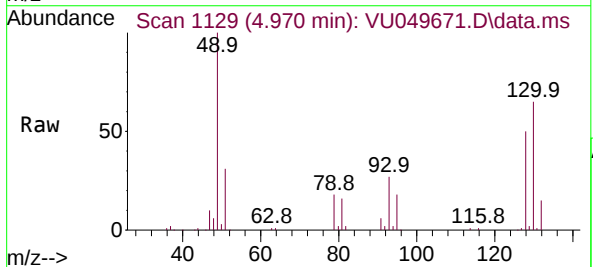
Instrument :
MSVOA_U
ClientSampleId :
VICV006

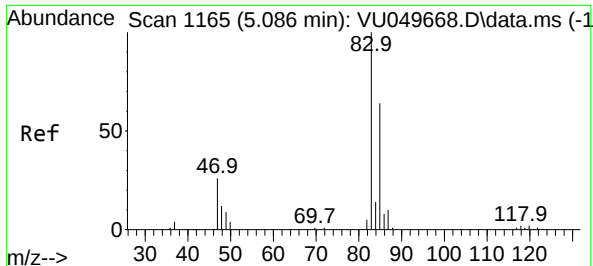
Tgt Ion: 43 Resp: 200643
Ion Ratio Lower Upper
43 100
72 25.8 12.7 38.0



#23
Bromochloromethane
Concen: 47.895 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion: 128 Resp: 49495
Ion Ratio Lower Upper
128 100
49 201.4 140.9 261.7
130 131.8 90.0 167.2
51 62.6 48.9 73.3





#25

Chloroform

Concen: 47.819 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

Instrument :

MSVOA_U

ClientSampleId :

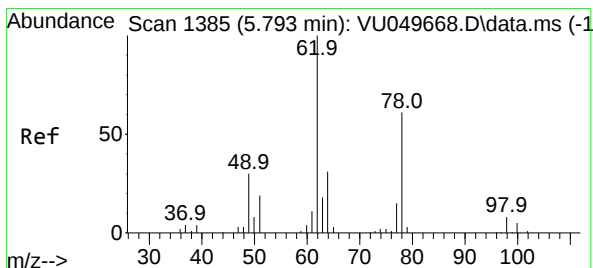
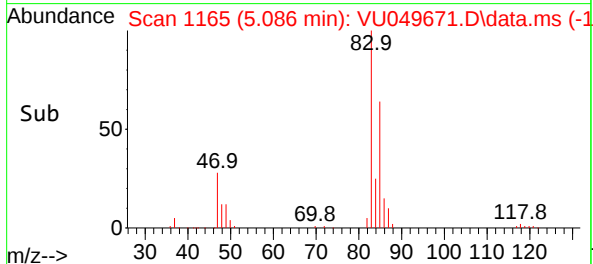
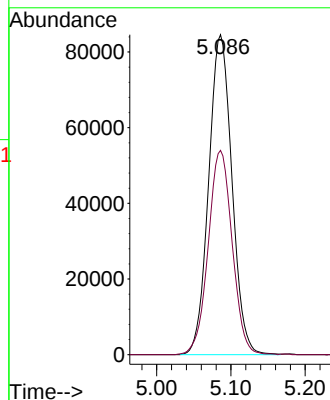
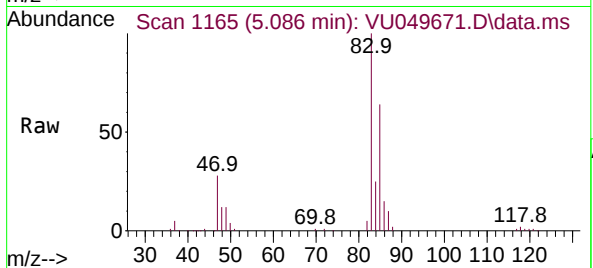
VICV006

Tgt Ion: 83 Resp: 183963

Ion Ratio Lower Upper

83 100

85 63.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 46.672 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU049671.D

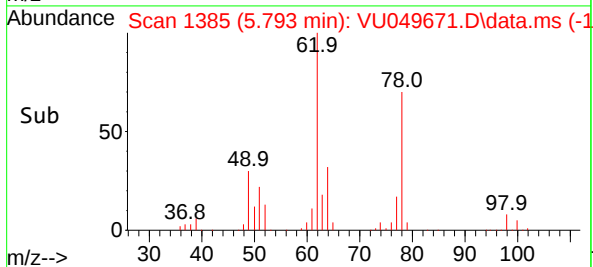
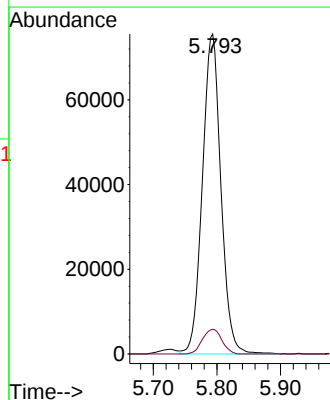
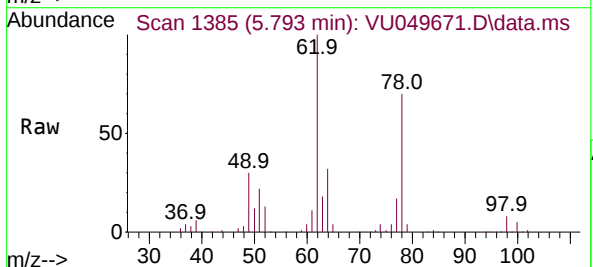
Acq: 11 Jul 2022 12:43

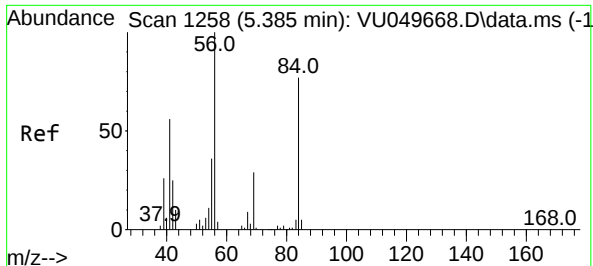
Tgt Ion: 62 Resp: 152888

Ion Ratio Lower Upper

62 100

98 7.7 6.7 10.1





#29

Cyclohexane

Concen: 50.175 ug/L

RT: 5.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

Instrument :

MSVOA_U

ClientSampleId :

VICV006

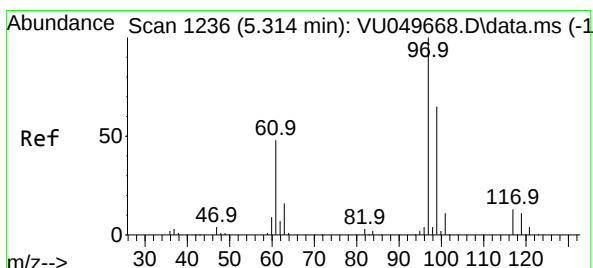
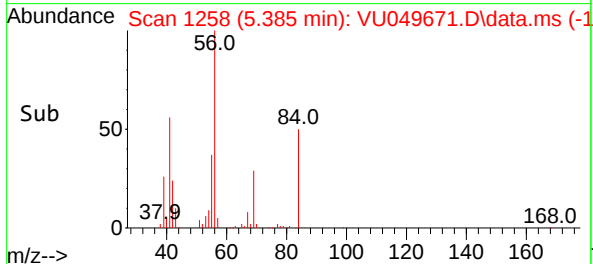
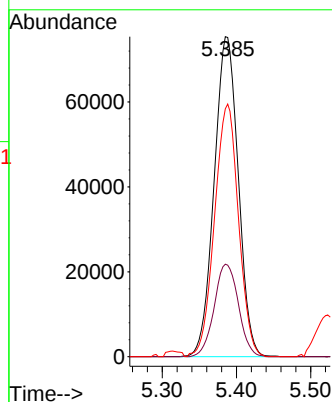
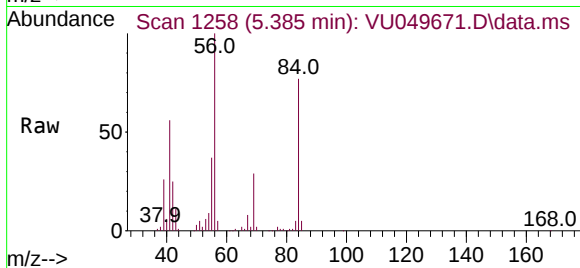
Tgt Ion: 56 Resp: 170310

Ion Ratio Lower Upper

56 100

69 29.0 23.4 35.2

84 78.3 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 49.485 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

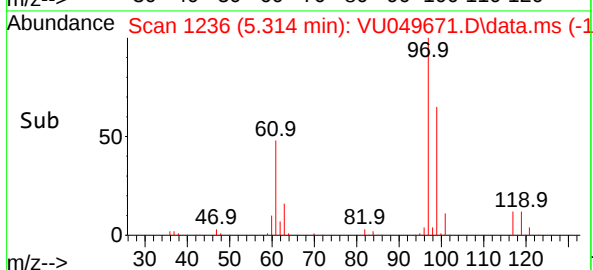
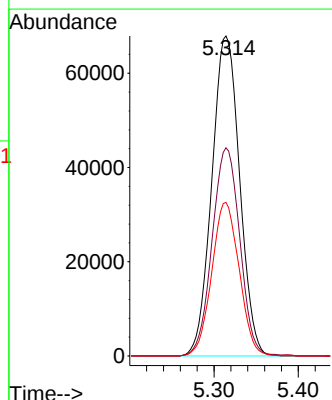
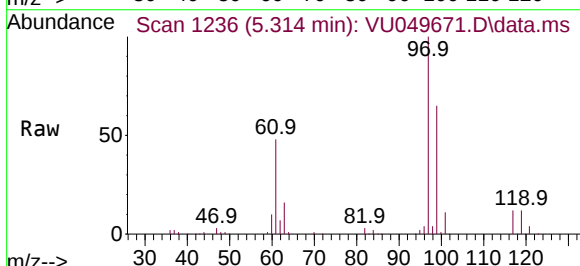
Tgt Ion: 97 Resp: 155790

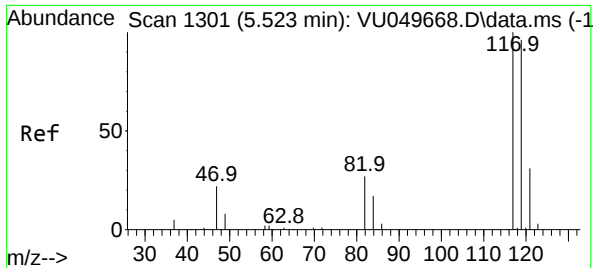
Ion Ratio Lower Upper

97 100

99 64.6 51.3 76.9

61 47.3 38.2 57.2

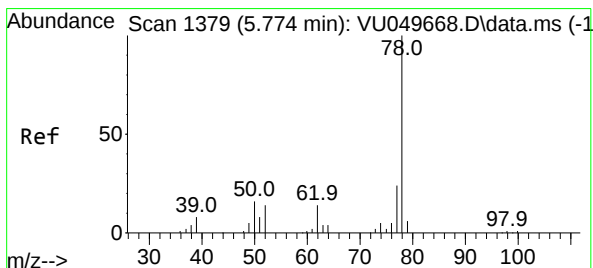
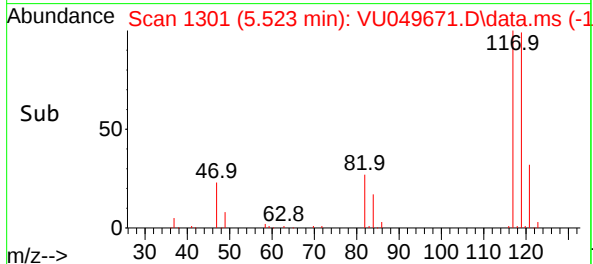
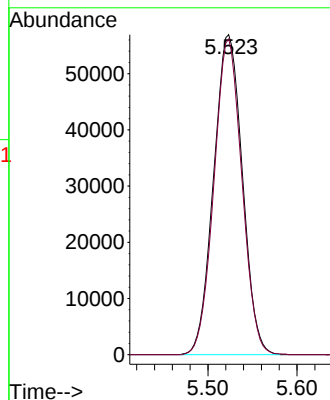
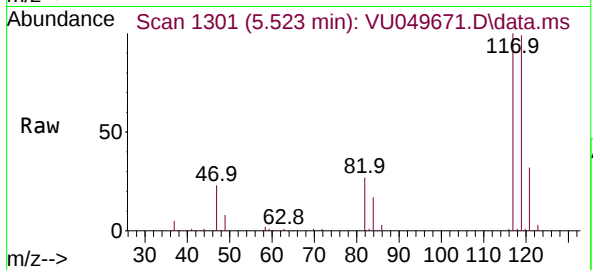




#31
Carbon tetrachloride
Concen: 49.593 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

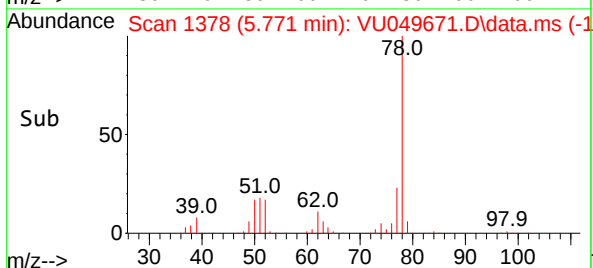
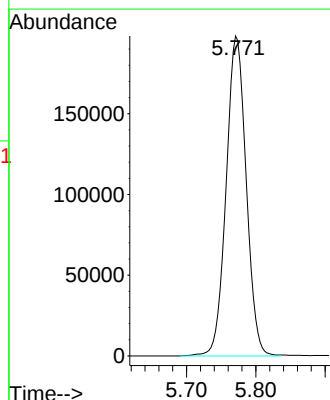
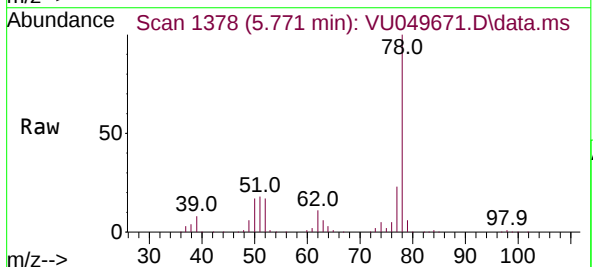
Instrument :
MSVOA_U
ClientSampleId :
VICV006

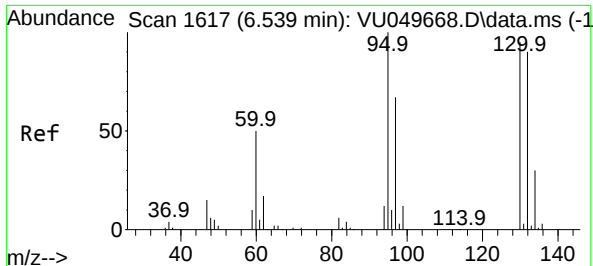
Tgt Ion:117 Resp: 127695
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8



#33
Benzene
Concen: 48.732 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion: 78 Resp: 398333





#34

Trichloroethene

Concen: 48.415 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

Instrument :

MSVOA_U

ClientSampleId :

VICV006

Tgt Ion: 95 Resp: 95660

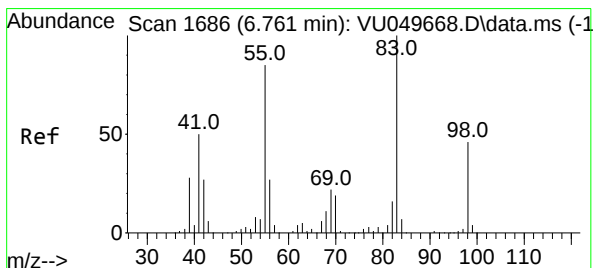
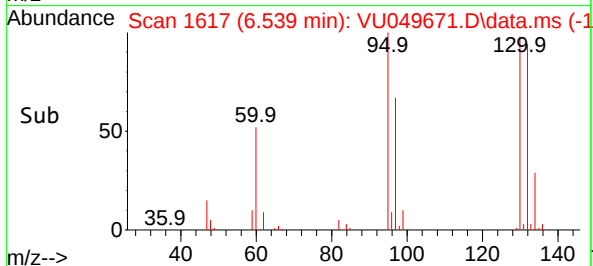
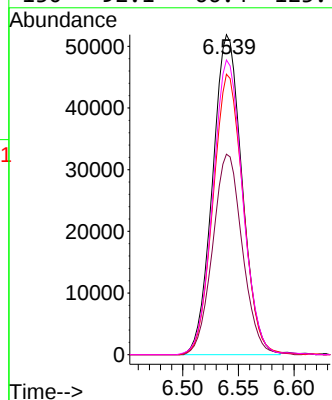
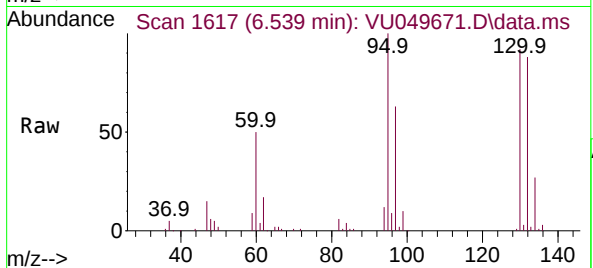
Ion Ratio Lower Upper

95 100

97 62.6 46.9 87.1

132 87.6 62.7 116.5

130 92.1 66.4 123.4



#35

Methylcyclohexane

Concen: 51.532 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

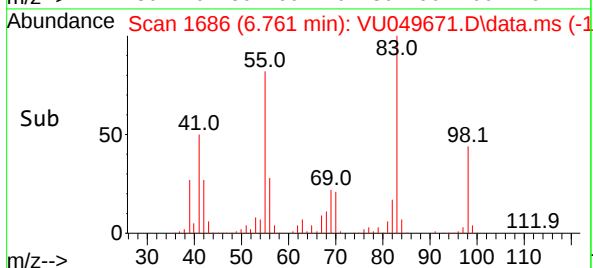
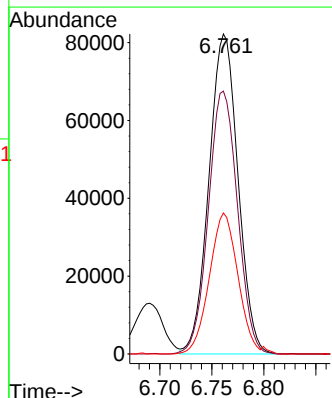
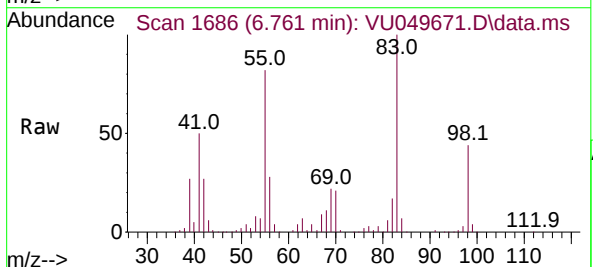
Tgt Ion: 83 Resp: 159999

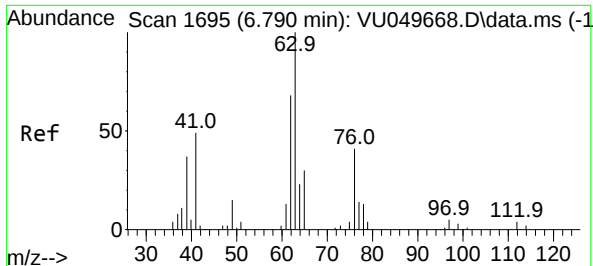
Ion Ratio Lower Upper

83 100

55 82.4 66.0 99.0

98 43.2 34.6 51.8





#37

1,2-Dichloropropane

Concen: 49.225 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

Instrument :

MSVOA_U

ClientSampleId :

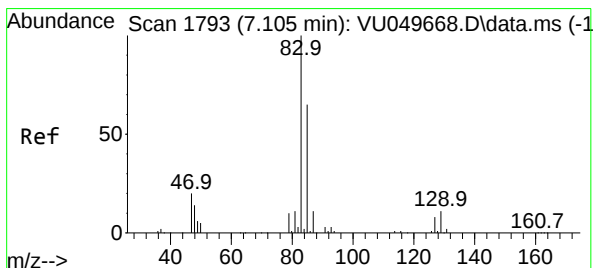
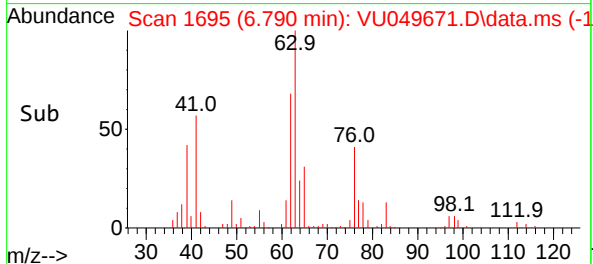
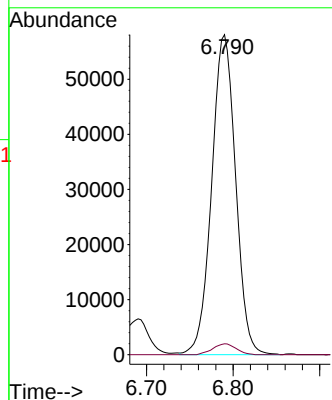
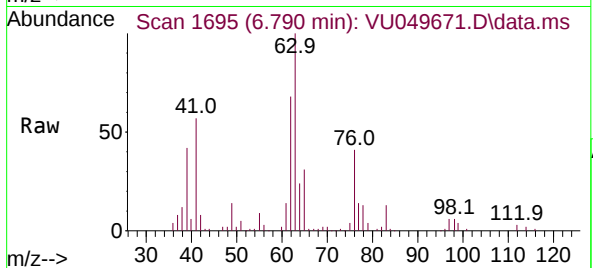
VICV006

Tgt Ion: 63 Resp: 111526

Ion Ratio Lower Upper

63 100

112 3.3 2.8 4.2



#38

Bromodichloromethane

Concen: 48.209 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

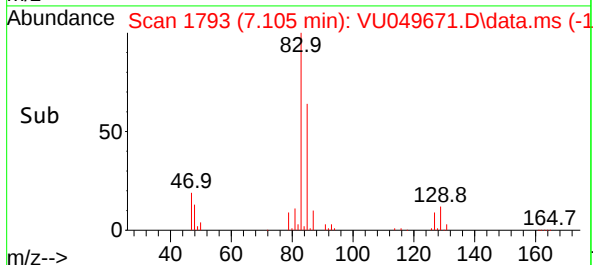
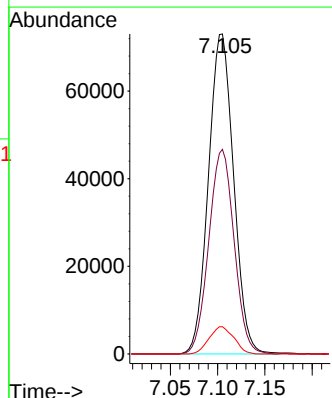
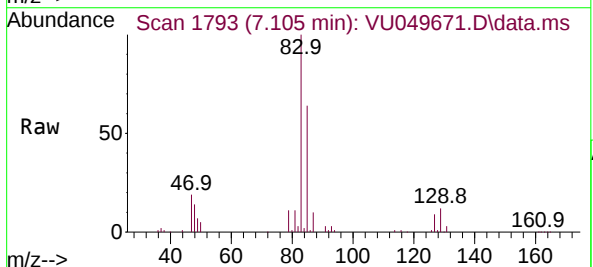
Tgt Ion: 83 Resp: 135419

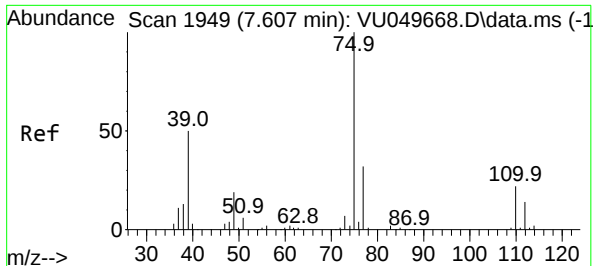
Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.2

127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 51.523 ug/L

RT: 7.603 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

Instrument :

MSVOA_U

ClientSampleId :

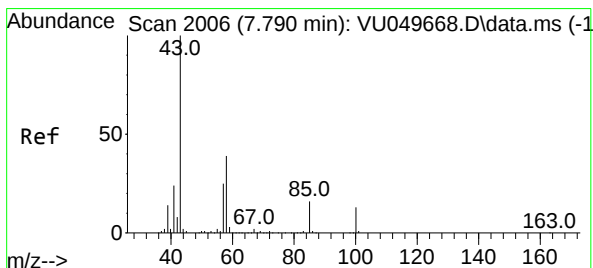
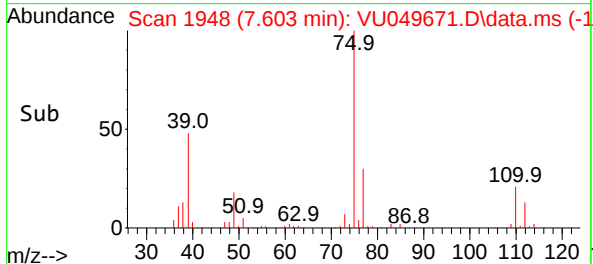
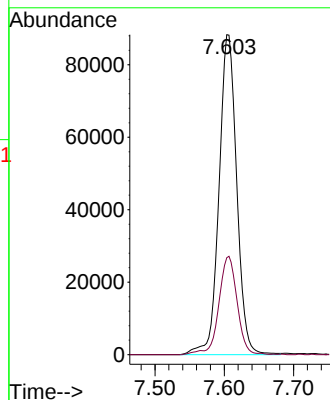
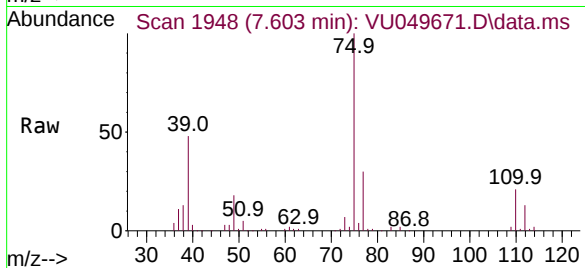
VICV006

Tgt Ion: 75 Resp: 157433

Ion Ratio Lower Upper

75 100

77 30.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 99.979 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

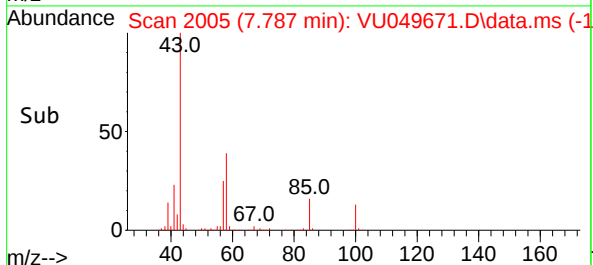
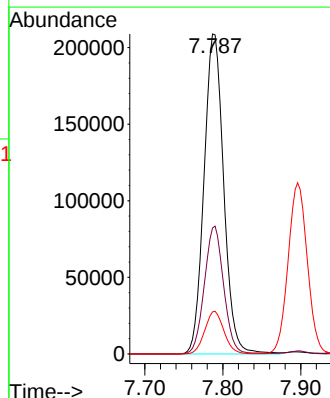
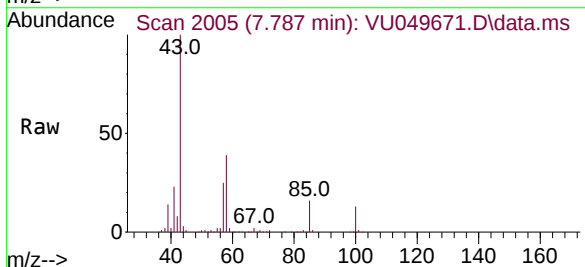
Tgt Ion: 43 Resp: 366700

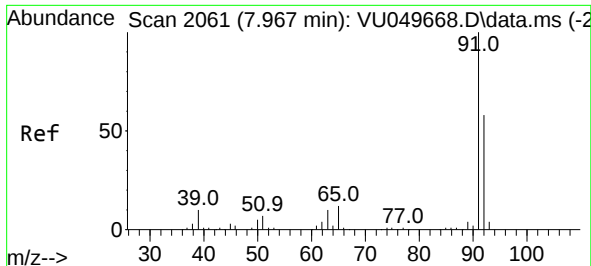
Ion Ratio Lower Upper

43 100

58 39.1 31.4 47.0

100 13.0 10.3 15.5





#42

Toluene

Concen: 49.405 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

Instrument :

MSVOA_U

ClientSampleId :

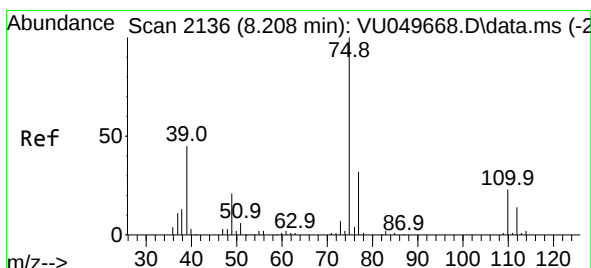
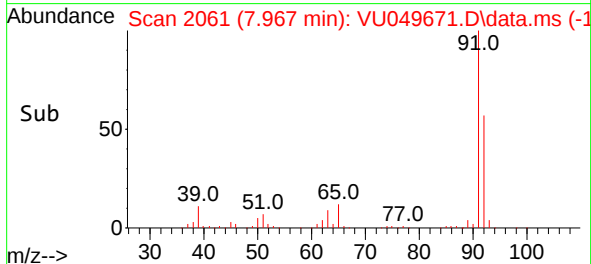
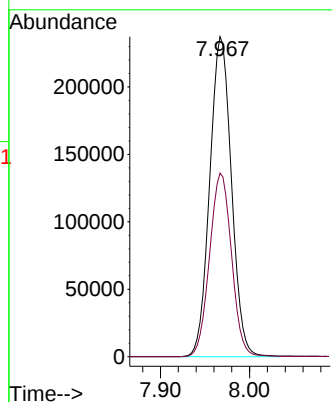
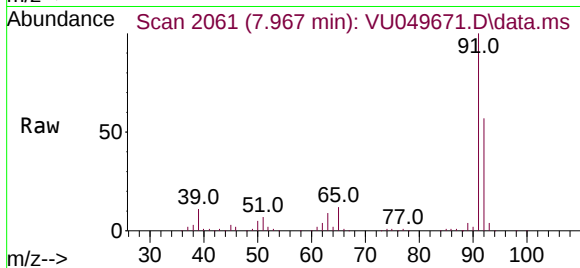
VICV006

Tgt Ion: 91 Resp: 401360

Ion Ratio Lower Upper

91 100

92 57.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 49.643 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU049671.D

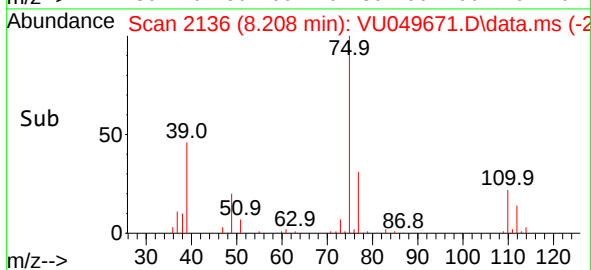
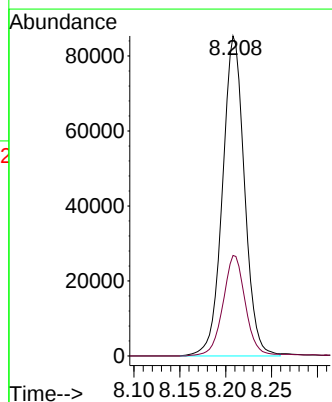
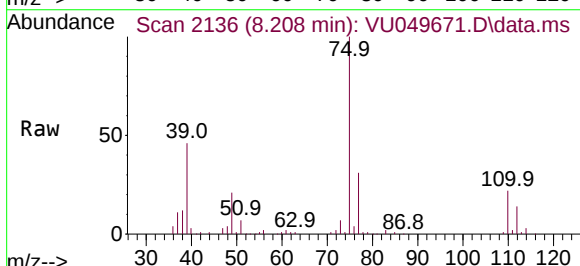
Acq: 11 Jul 2022 12:43

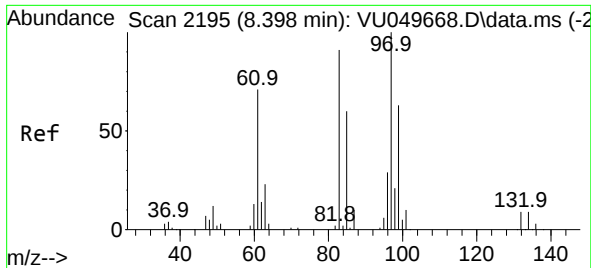
Tgt Ion: 75 Resp: 142425

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.9

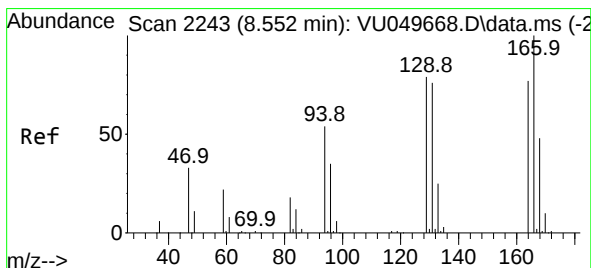
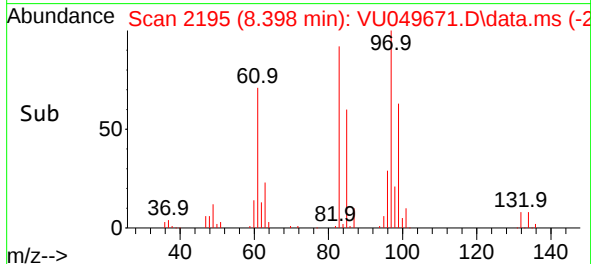
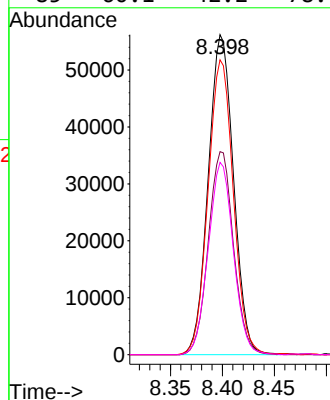
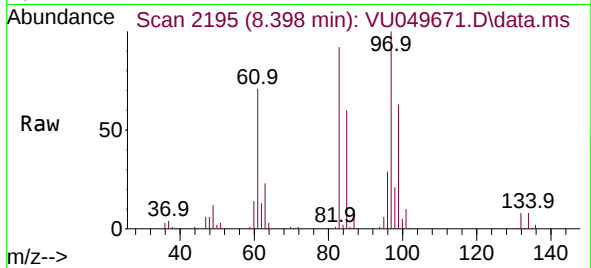




#45
1,1,2-Trichloroethane
Concen: 48.118 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

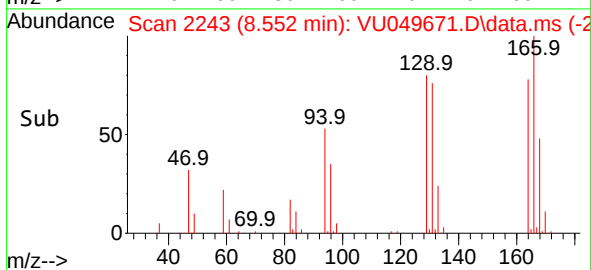
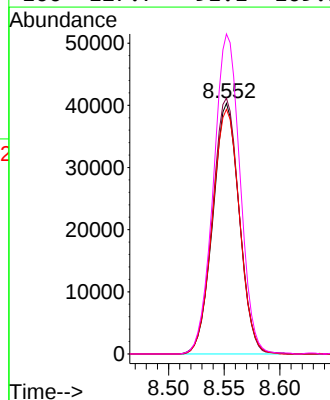
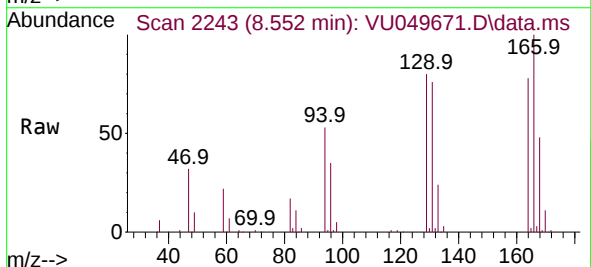
Instrument :
MSVOA_U
ClientSampleId :
VICV006

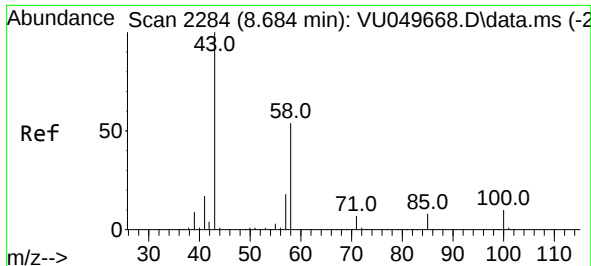
Tgt Ion: 97	Resp: 95156
Ion Ratio	Lower Upper
97 100	
99 63.4	44.3 82.3
83 92.1	64.0 118.8
85 60.1	42.2 78.4



#46
Tetrachloroethene
Concen: 48.709 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt	Ion:164	Resp:	66749
Ion	Ratio	Lower	Upper
164	100		
129	102.1	72.0	133.8
131	97.7	69.0	128.1
166	127.7	91.1	169.3



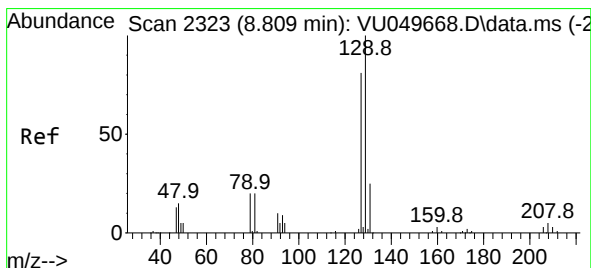
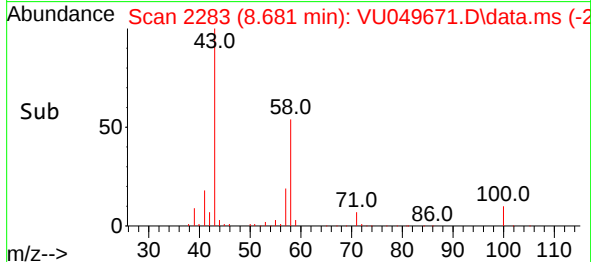
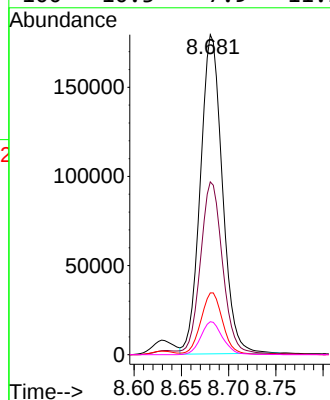
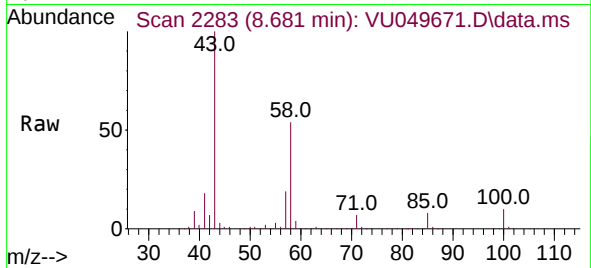


#48
2-Hexanone
Concen: 98.774 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Instrument :
MSVOA_U
ClientSampleId :
VICV006

Tgt Ion: 43 Resp: 289505

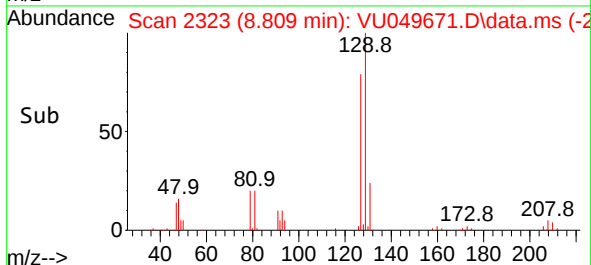
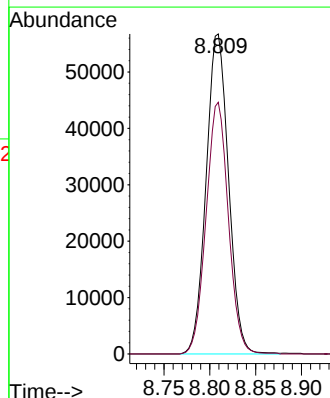
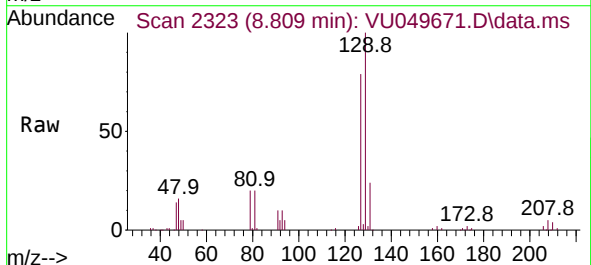
Ion	Ratio	Lower	Upper
43	100		
58	54.9	42.6	64.0
57	19.0	15.0	22.6
100	10.3	7.9	11.9

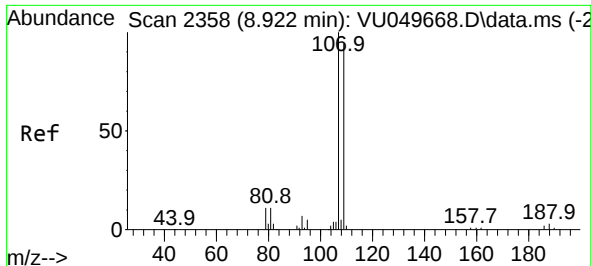


#49
Dibromochloromethane
Concen: 48.547 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion: 129 Resp: 96560

Ion	Ratio	Lower	Upper
129	100		
127	78.7	56.9	105.7





#50

1,2-Dibromoethane

Concen: 50.197 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

Instrument :

MSVOA_U

ClientSampleId :

VICV006

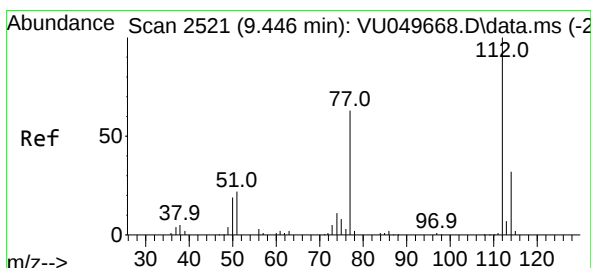
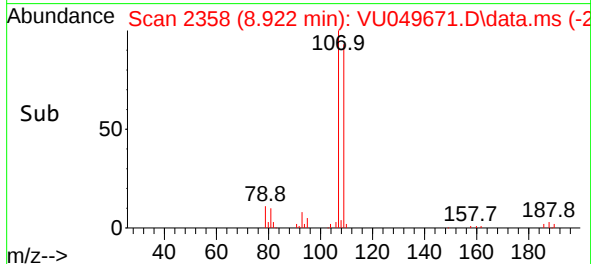
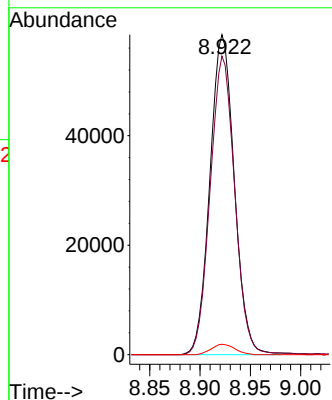
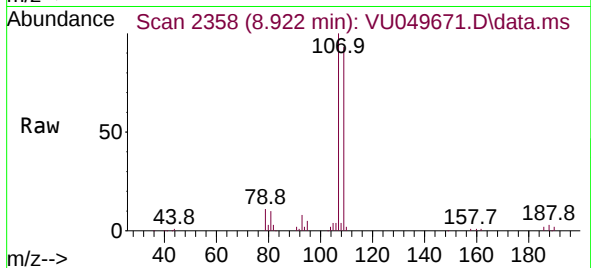
Tgt Ion:107 Resp: 98608

Ion Ratio Lower Upper

107 100

109 93.3 65.7 121.9

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 48.635 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

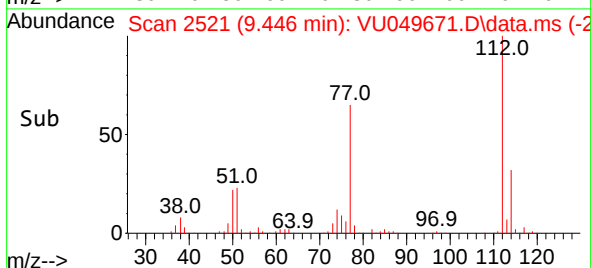
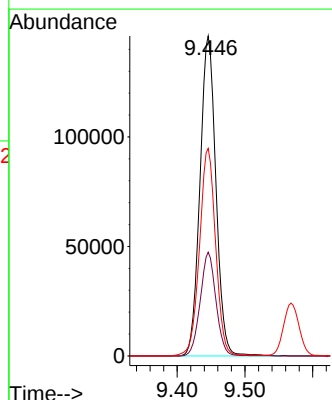
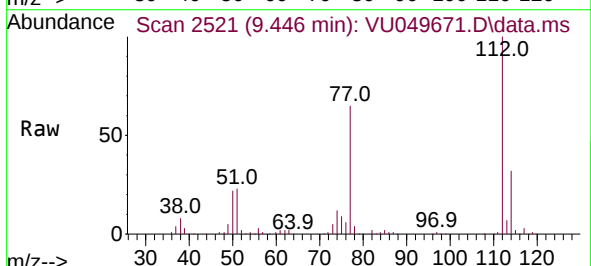
Tgt Ion:112 Resp: 239267

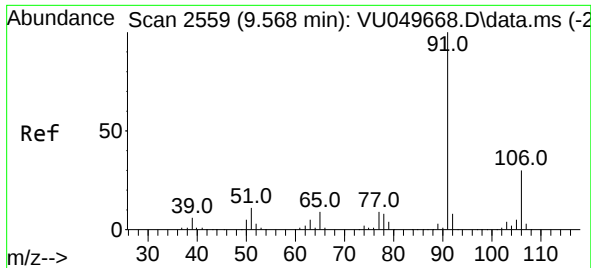
Ion Ratio Lower Upper

112 100

114 32.4 22.1 41.1

77 64.9 51.2 76.8

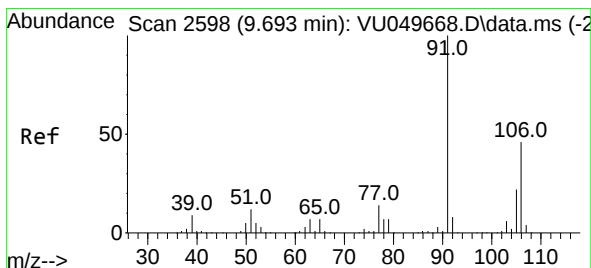
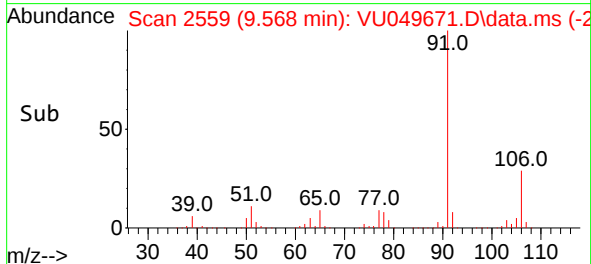
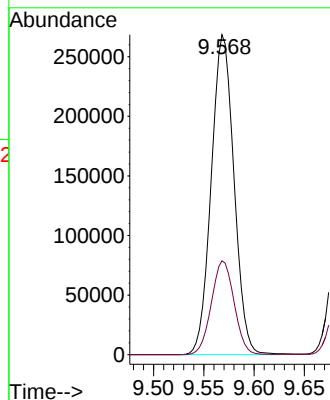
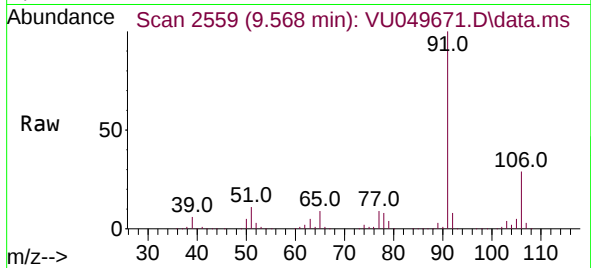




#52
Ethylbenzene
Concen: 49.216 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

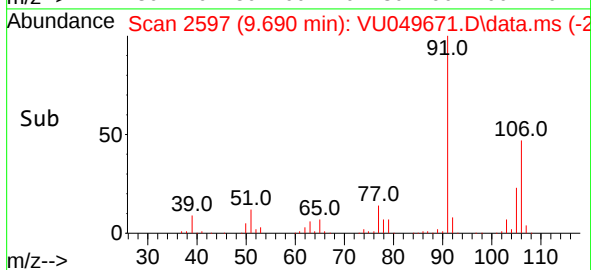
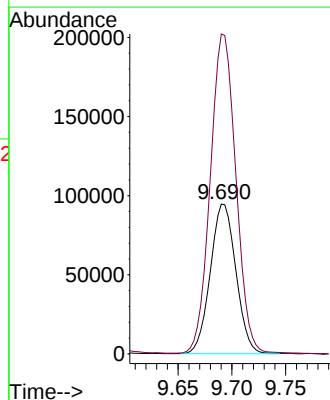
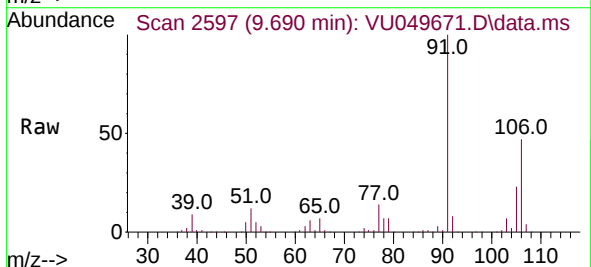
Instrument :
MSVOA_U
ClientSampleId :
VICV006

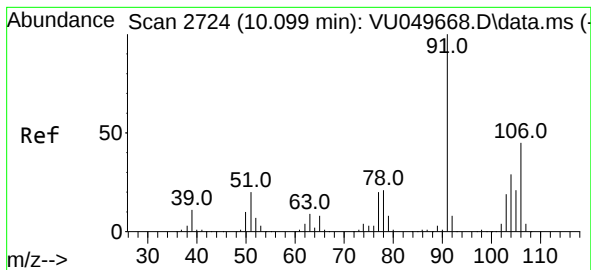
Tgt Ion: 91 Resp: 421917
Ion Ratio Lower Upper
91 100
106 29.4 21.0 39.0



#53
m,p-Xylene
Concen: 50.217 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion:106 Resp: 156536
Ion Ratio Lower Upper
106 100
91 213.4 151.7 281.7





#54

o-Xylene

Concen: 49.933 ug/L

RT: 10.099 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

Instrument :

MSVOA_U

ClientSampleId :

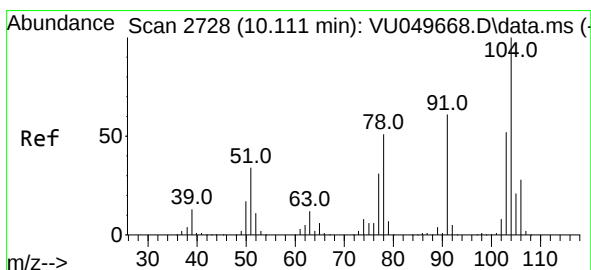
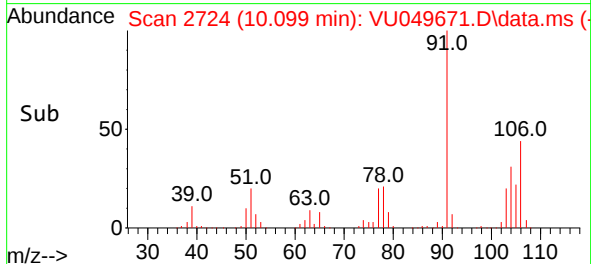
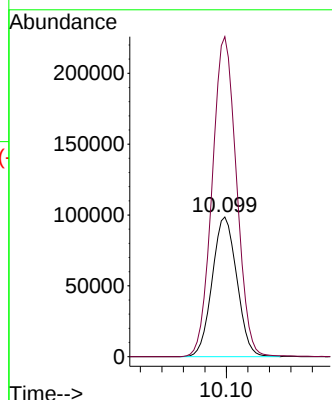
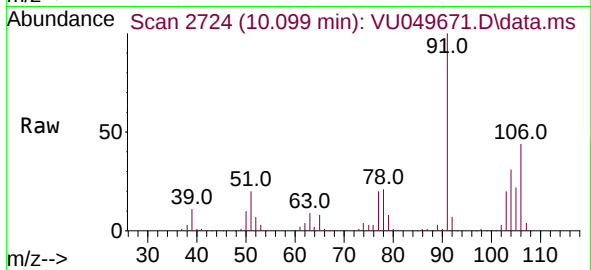
VICV006

Tgt Ion:106 Resp: 156728

Ion Ratio Lower Upper

106 100

91 229.2 156.9 291.5



#55

Styrene

Concen: 51.133 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.000 min

Lab File: VU049671.D

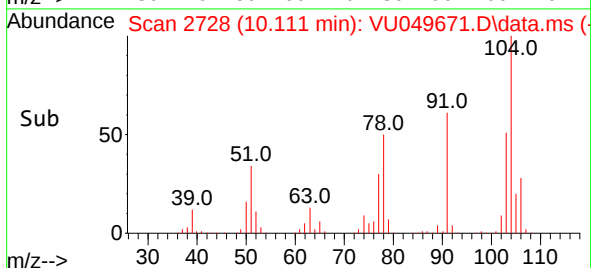
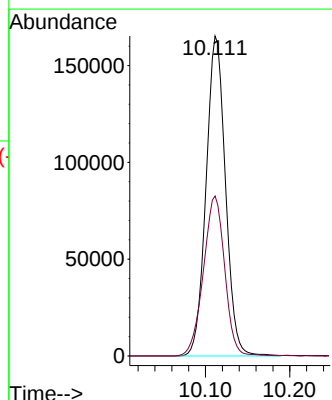
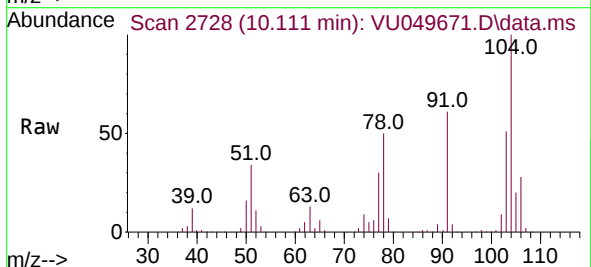
Acq: 11 Jul 2022 12:43

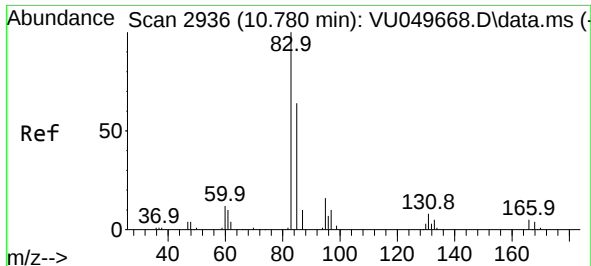
Tgt Ion:104 Resp: 264864

Ion Ratio Lower Upper

104 100

78 50.0 36.1 67.1





#57

1,1,2,2-Tetrachloroethane

Concen: 48.604 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

Instrument :

MSVOA_U

ClientSampleId :

VICV006

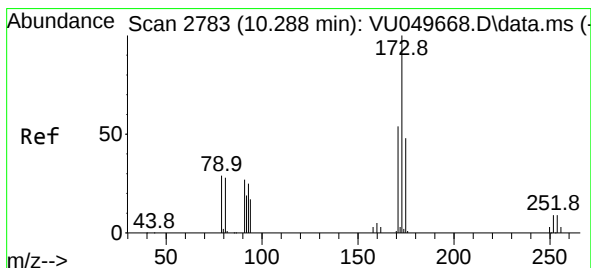
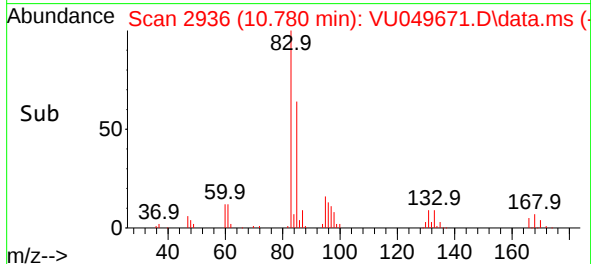
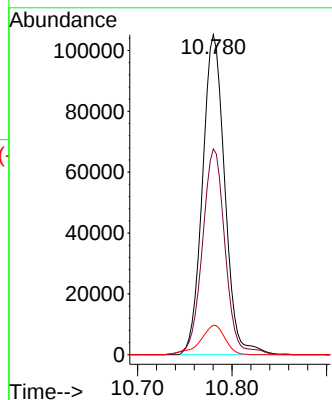
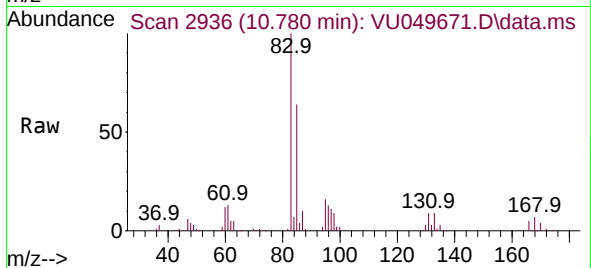
Tgt Ion: 83 Resp: 172053

Ion Ratio Lower Upper

83 100

85 64.3 45.0 83.6

131 9.2 7.0 10.6



#59

Bromoform

Concen: 48.177 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

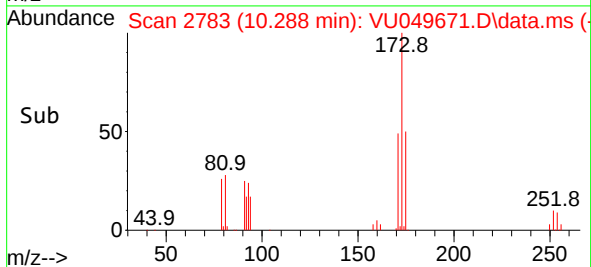
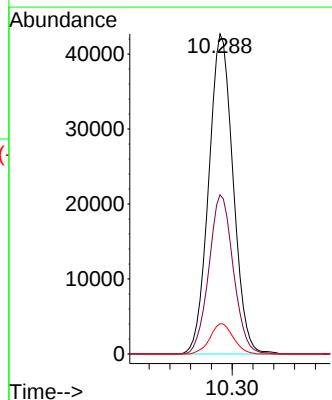
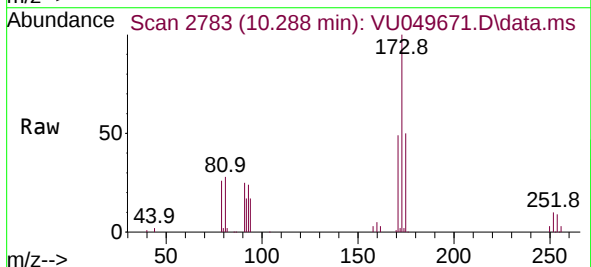
Tgt Ion:173 Resp: 69421

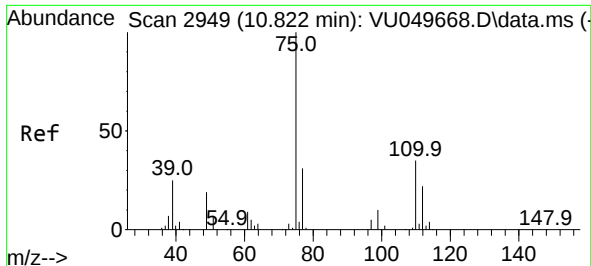
Ion Ratio Lower Upper

173 100

175 49.8 38.6 58.0

254 9.1 7.4 11.0

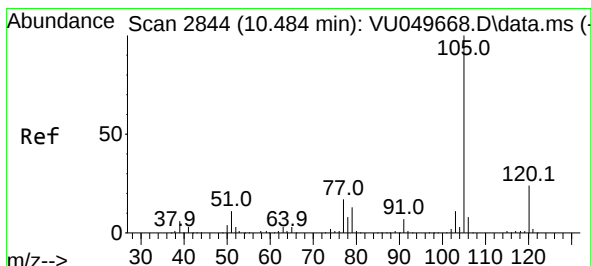
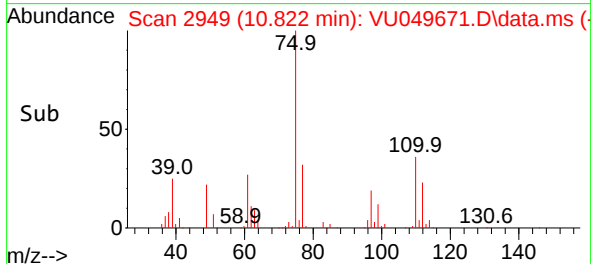
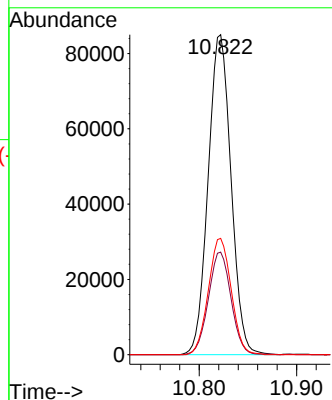
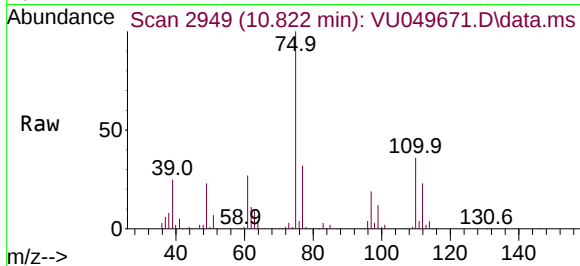




#60
1,2,3-Trichloropropane
Concen: 48.521 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

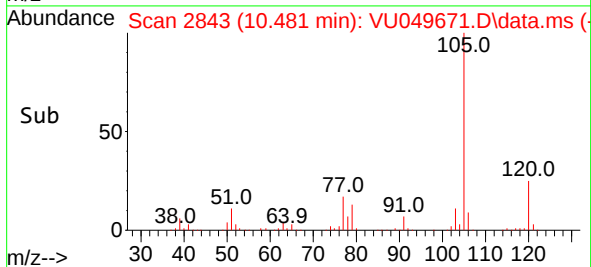
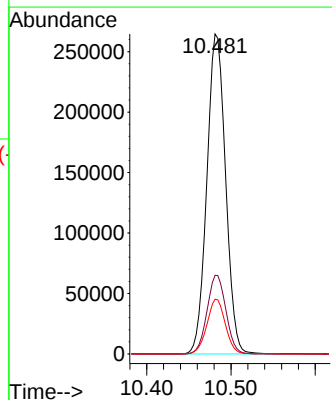
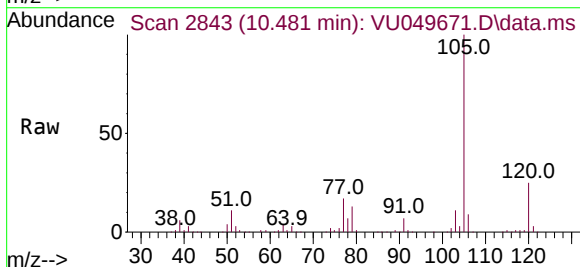
Instrument :
MSVOA_U
ClientSampleId :
VICV006

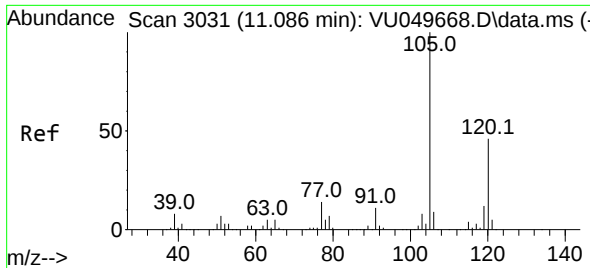
Tgt Ion: 75 Resp: 138849
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3
110 36.3 28.9 43.3



#61
Isopropylbenzene
Concen: 51.095 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion: 105 Resp: 409894
Ion Ratio Lower Upper
105 100
120 24.7 19.9 29.9
77 16.8 13.8 20.8

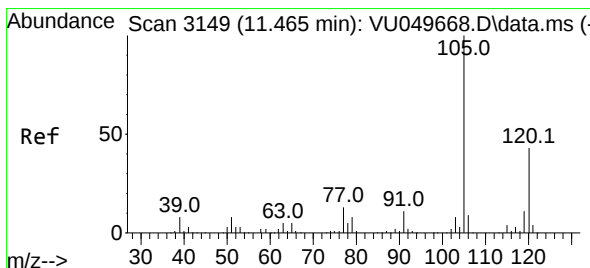
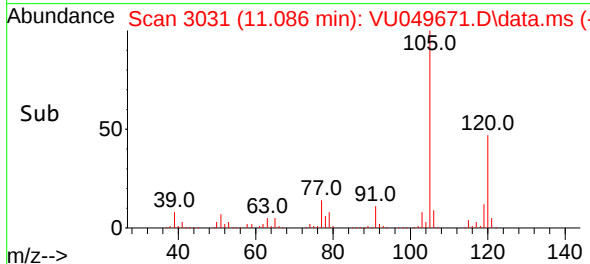
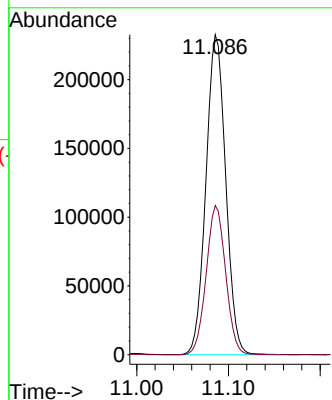
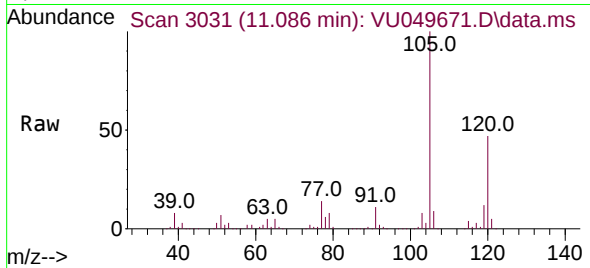




#62
1,3,5-Trimethylbenzene
Concen: 51.424 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

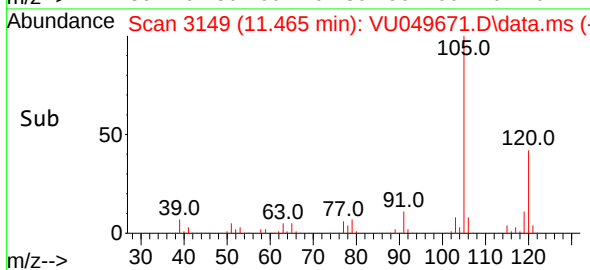
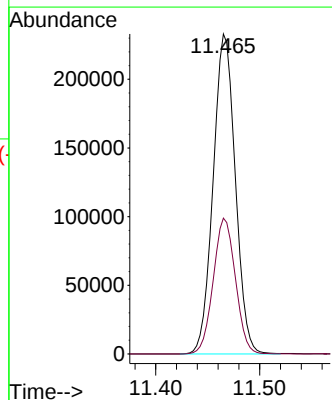
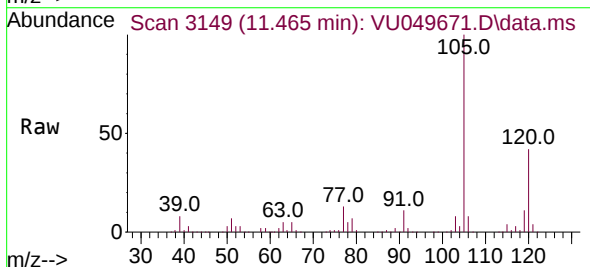
Instrument :
MSVOA_U
ClientSampleId :
VICV006

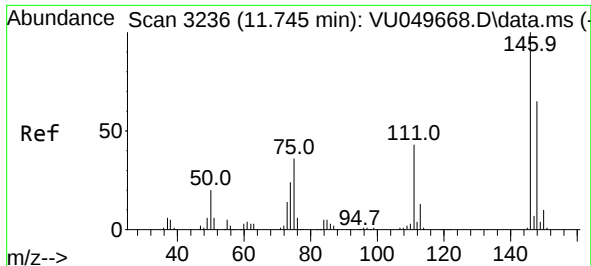
Tgt Ion:105 Resp: 347970
Ion Ratio Lower Upper
105 100
120 45.9 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 51.376 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion:105 Resp: 345365
Ion Ratio Lower Upper
105 100
120 42.4 33.9 50.9

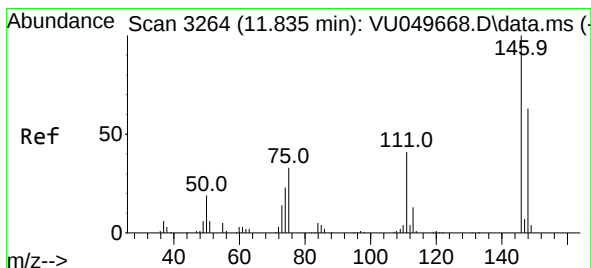
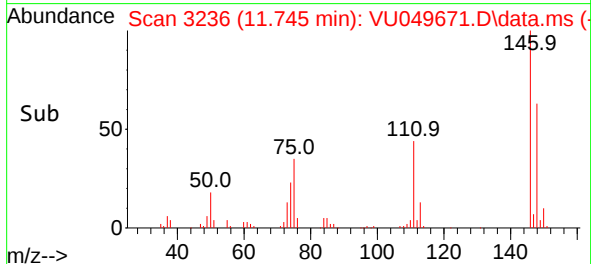
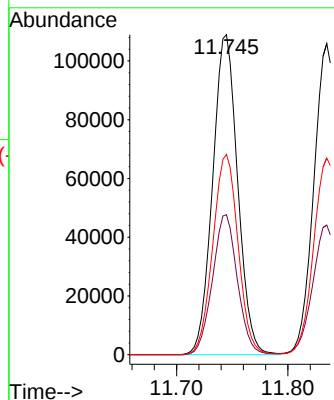
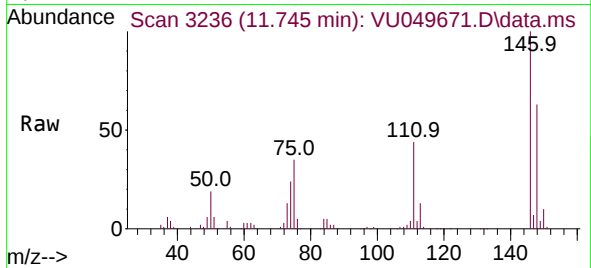




#64
1,3-Dichlorobenzene
Concen: 48.615 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

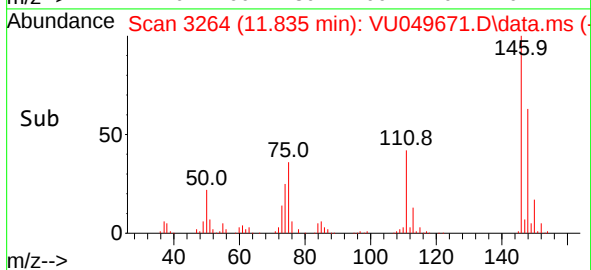
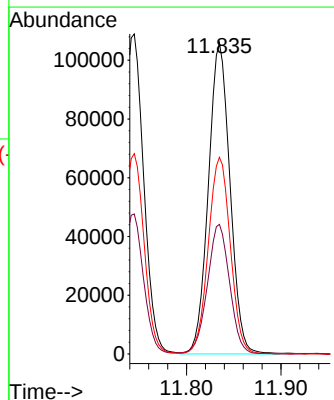
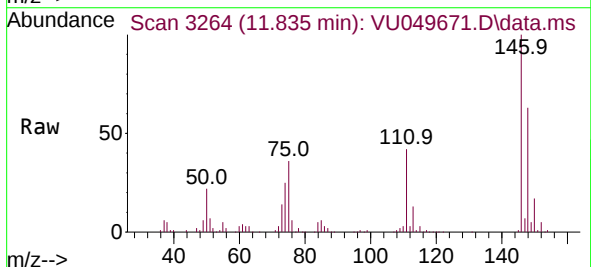
Instrument :
MSVOA_U
ClientSampleId :
VICV006

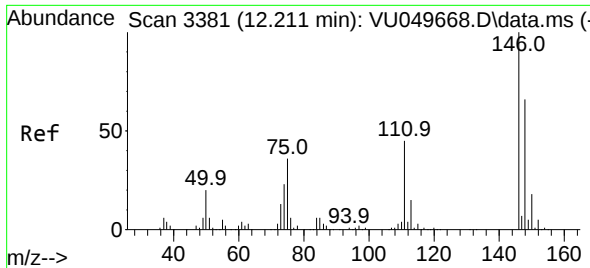
Tgt Ion:146 Resp: 170246
Ion Ratio Lower Upper
146 100
111 43.8 30.0 55.6
148 62.6 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 47.824 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion:146 Resp: 168233
Ion Ratio Lower Upper
146 100
111 41.7 29.1 54.1
148 63.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 48.661 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

Instrument :

MSVOA_U

ClientSampleId :

VICV006

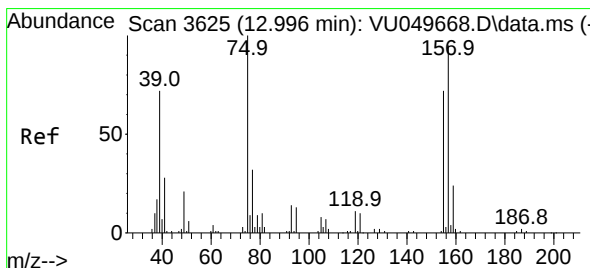
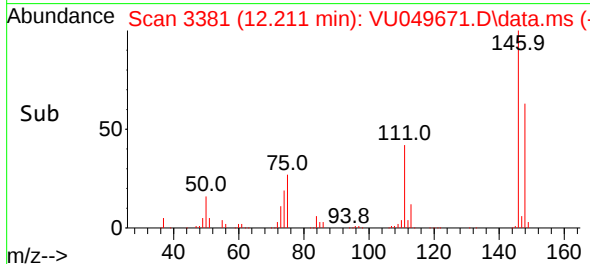
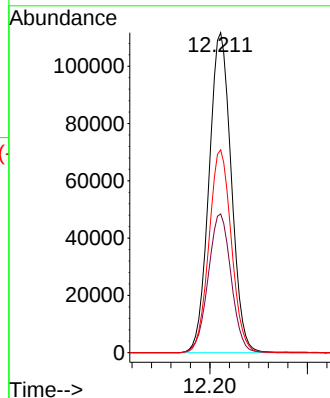
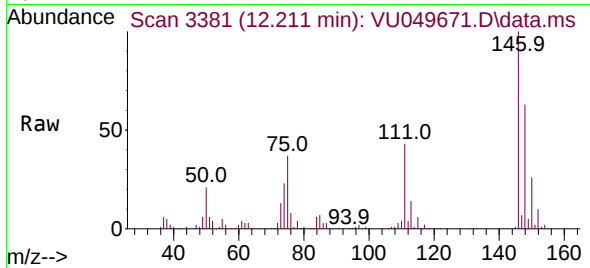
Tgt Ion:146 Resp: 177196

Ion Ratio Lower Upper

146 100

111 43.3 35.8 53.8

148 63.4 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 50.670 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU049671.D

Acq: 11 Jul 2022 12:43

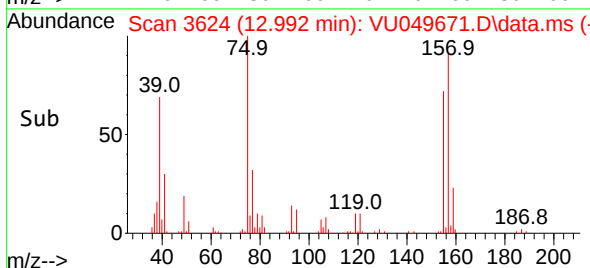
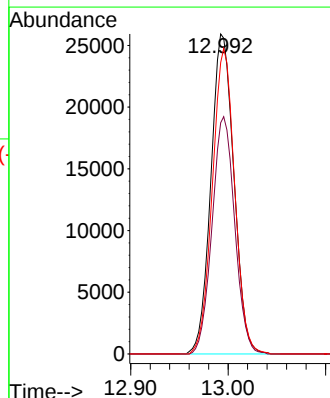
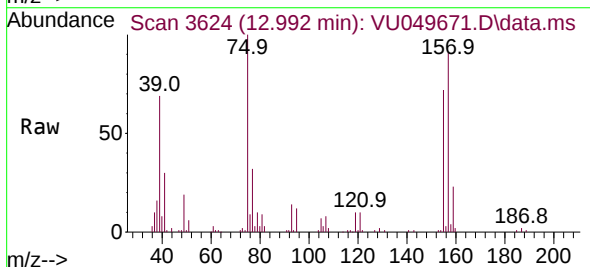
Tgt Ion: 75 Resp: 42487

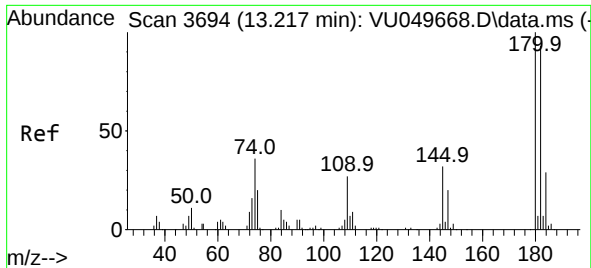
Ion Ratio Lower Upper

75 100

155 72.3 57.7 86.5

157 91.1 75.6 113.4

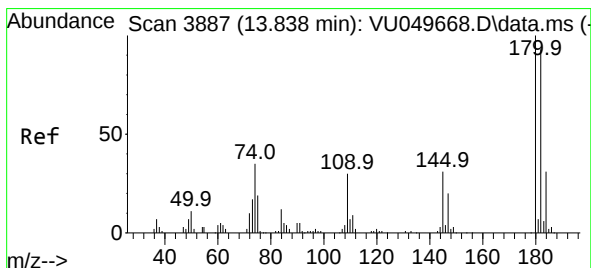
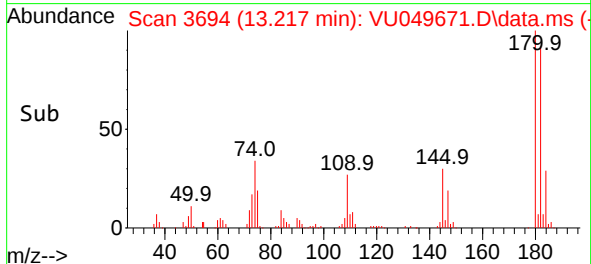
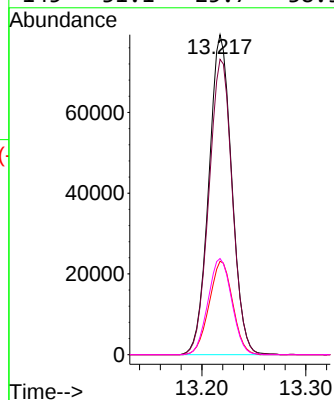
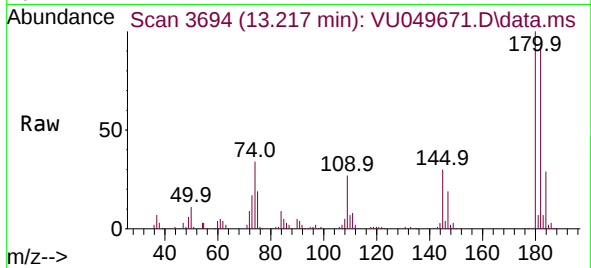




#69
1,3,5-Trichlorobenzene
Concen: 49.440 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

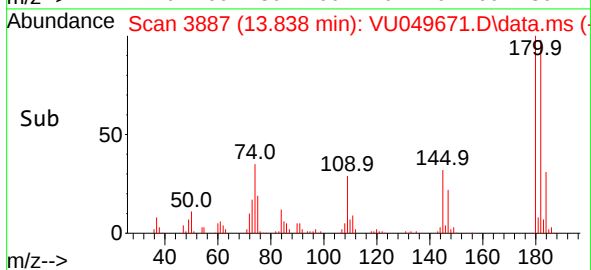
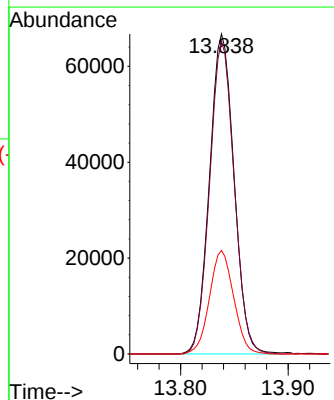
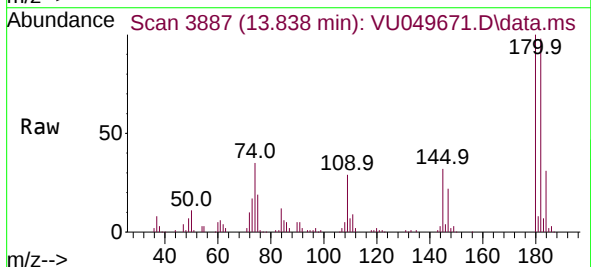
Instrument :
MSVOA_U
ClientSampleId :
VICV006

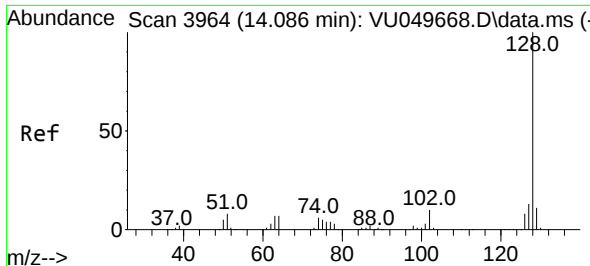
Tgt Ion:180 Resp: 121319
Ion Ratio Lower Upper
180 100
182 94.2 76.0 114.0
184 29.9 24.0 36.0
145 31.1 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 47.071 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion:180 Resp: 105999
Ion Ratio Lower Upper
180 100
182 97.2 74.8 112.2
145 31.8 24.7 37.1

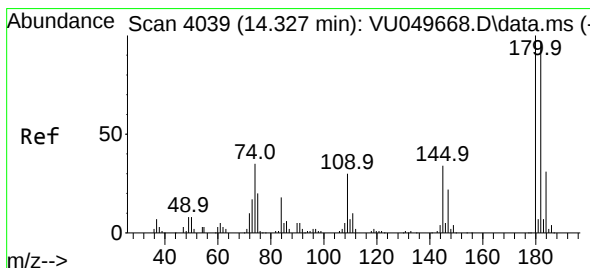
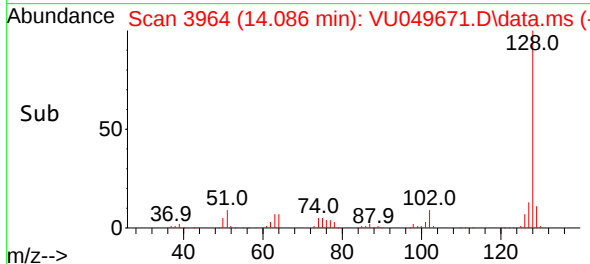
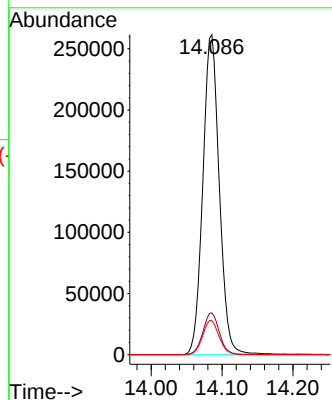
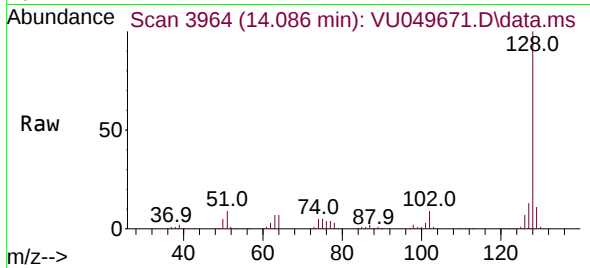




#71
Naphthalene
Concen: 52.429 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Instrument :
MSVOA_U
ClientSampleId :
VICV006

Tgt Ion:128 Resp: 422058
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.947 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU049671.D
Acq: 11 Jul 2022 12:43

Tgt Ion:180 Resp: 116506
Ion Ratio Lower Upper
180 100
182 94.0 76.6 115.0
145 33.0 27.1 40.7

