

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051667.D
 Acq On : 01 Nov 2022 20:36
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:06:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 01:48:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	204426	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	208286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	108310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	94599	6.144	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.800%
7) Chloroethane-d5	1.912	69	83142	5.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.565	65	36530	6.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	130.800%#
20) 2-Butanone-d5	4.633	46	217520	39.011	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.020%
24) Chloroform-d	5.060	84	178676	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.700	65	86223	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.726	84	354096	5.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
36) 1,2-Dichloropropane-d6	6.690	67	112194	4.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	326612	6.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.400%
43) trans-1,3-Dichloroprop...	8.179	79	37440	5.328	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.632	63	185205	43.778	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.560%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	94927	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	108974	5.482	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	120423	5.386	ug/L	99
3) Chloromethane	1.523	50	141651	5.026	ug/L	97
5) Vinyl chloride	1.601	62	143768	5.325	ug/L #	80
6) Bromomethane	1.855	94	57321	4.478	ug/L	99
8) Chloroethane	1.932	64	85363	5.207	ug/L	98
9) Trichlorofluoromethane	2.134	101	163477	5.516	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	98097	5.630	ug/L	98
12) 1,1-Dichloroethene	2.578	96	96245	5.416	ug/L	95
13) Acetone	2.642	43	152424	53.877	ug/L	100
14) Carbon disulfide	2.790	76	305471	5.332	ug/L	99
15) Methyl Acetate	2.954	43	39297	5.306	ug/L	96
16) Methylene chloride	3.044	84	128577	4.417	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	220308	5.406	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	102730	5.386	ug/L	99
19) 1,1-Dichloroethane	3.867	63	195139	5.547	ug/L	99
21) 2-Butanone	4.710	43	253659	57.253	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	111582	5.287	ug/L	97
23) Bromochloromethane	4.973	128	52887	5.360	ug/L	96
25) Chloroform	5.086	83	201701	5.527	ug/L	100

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 ALS Vial : 19 Sample Multiplier: 1

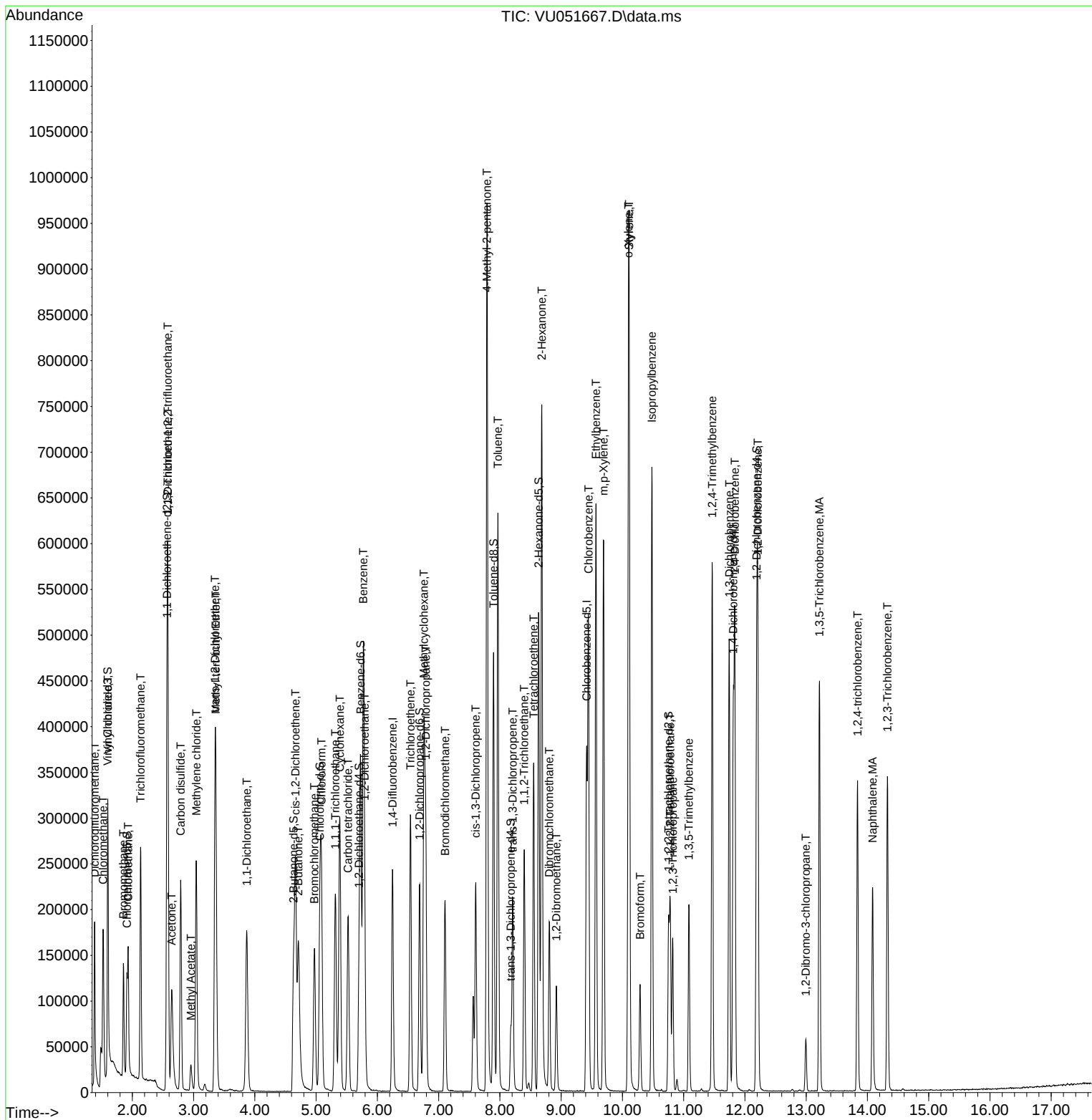
Instrument :
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 ClientSampleId :

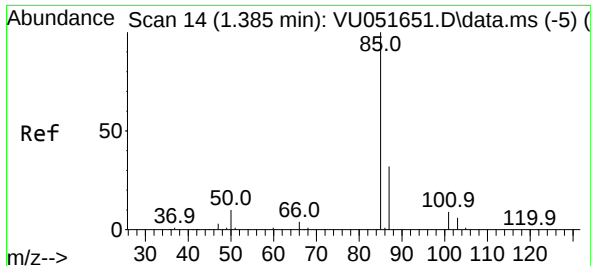
Quant Time: Nov 02 02:06:33 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 01:48:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	120114	5.348	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	156577	5.537	ug/L	99
30) Cyclohexane	5.385	56	140523	5.396	ug/L	99
31) Carbon tetrachloride	5.520	117	134231	5.550	ug/L	97
33) Benzene	5.771	78	450271	5.478	ug/L	100
34) Trichloroethene	6.539	95	108142	5.452	ug/L	98
35) Methylcyclohexane	6.761	83	146757	5.351	ug/L	98
37) 1,2-Dichloropropane	6.790	63	116566	5.514	ug/L	99
38) Bromodichloromethane	7.105	83	141394	5.475	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	141080	5.202	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	604026	56.963	ug/L	100
42) Toluene	7.967	91	477785	5.660	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	122879	5.421	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	84839	5.476	ug/L	96
47) Tetrachloroethene	8.552	164	82452	5.427	ug/L	96
48) 2-Hexanone	8.684	43	450679	57.418	ug/L	98
49) Dibromochloromethane	8.806	129	95644	5.404	ug/L	98
50) 1,2-Dibromoethane	8.922	107	78336	5.605	ug/L	97
51) Chlorobenzene	9.446	112	285412	5.372	ug/L	99
52) Ethylbenzene	9.568	91	444894	5.462	ug/L	100
53) m,p-Xylene	9.694	106	178689	5.648	ug/L	99
54) o-Xylene	10.099	106	173607	5.615	ug/L	97
55) Styrene	10.111	104	301045	5.824	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	108429	5.645	ug/L	98
59) Bromoform	10.288	173	52337	5.230	ug/L	99
60) Isopropylbenzene	10.481	105	434626	5.497	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	73490	5.247	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	111334	5.230	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	319196	5.201	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	209718	5.328	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	206899	5.242	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	204254	5.327	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	15598	5.408	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	144947	5.166	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	106297	4.935	ug/L	98
71) Naphthalene	14.086	128	186993	4.651	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	109918	5.054	ug/L	99

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

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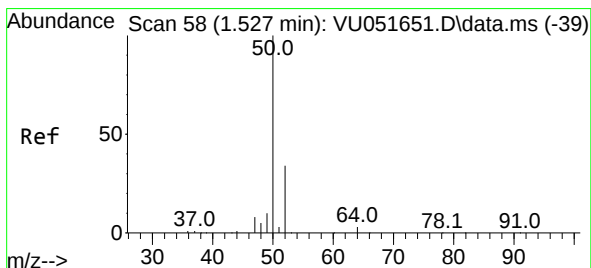
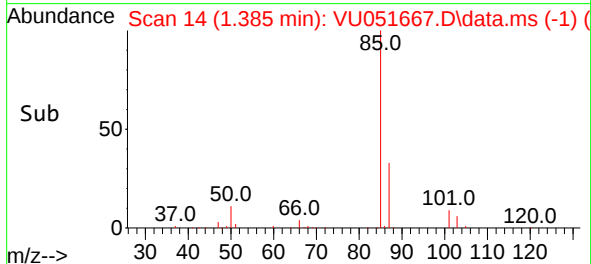
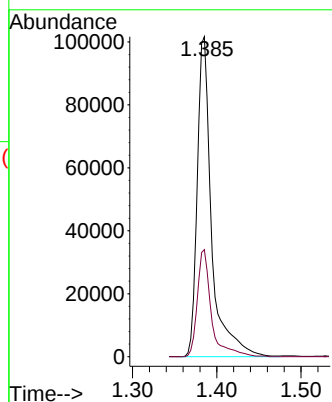
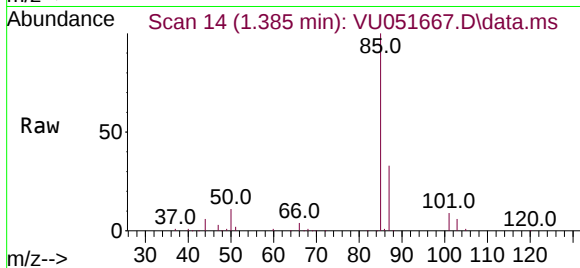




#2
Dichlorodifluoromethane
Concen: 5.386 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

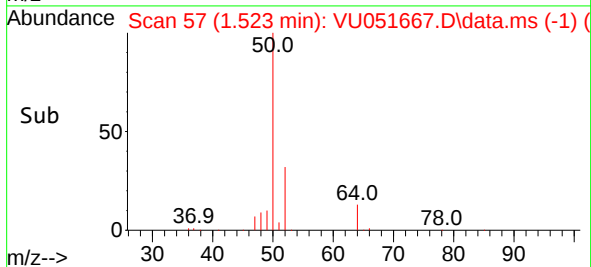
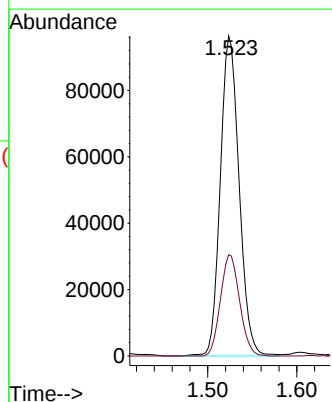
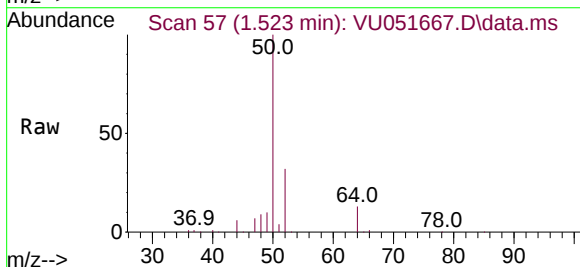
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MSVOA_U
ClientSampleId :

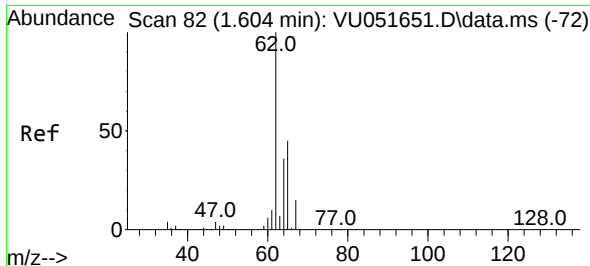
Tgt Ion: 85 Resp: 120423
Ion Ratio Lower Upper
85 100
87 32.8 25.7 38.5



#3
Chloromethane
Concen: 5.026 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion: 50 Resp: 141651
Ion Ratio Lower Upper
50 100
52 31.7 23.2 43.2

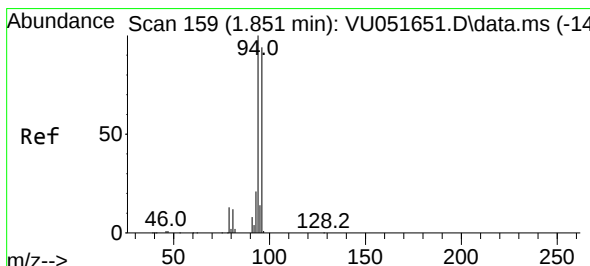
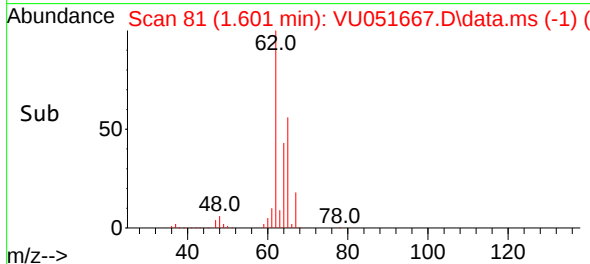
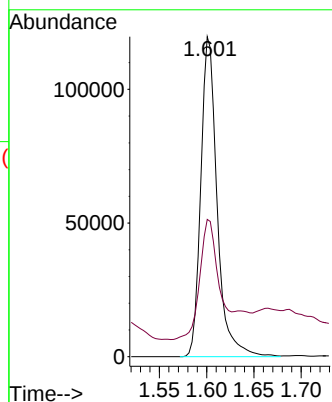
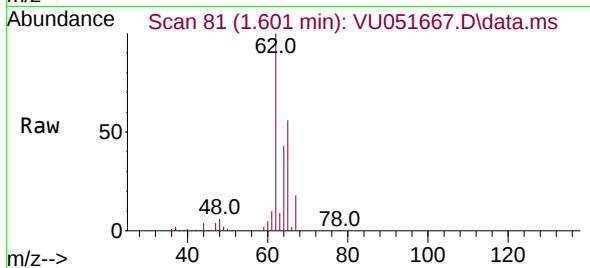




#5
 Vinyl chloride
 Concen: 5.325 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051667.D
 Acq: 01 Nov 2022 20:36

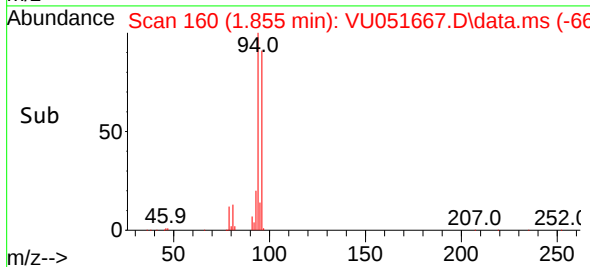
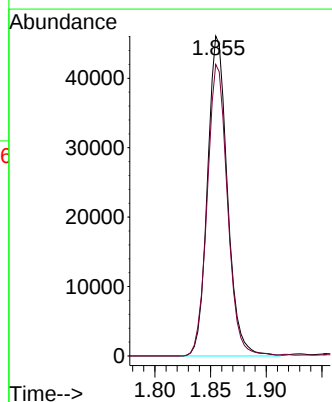
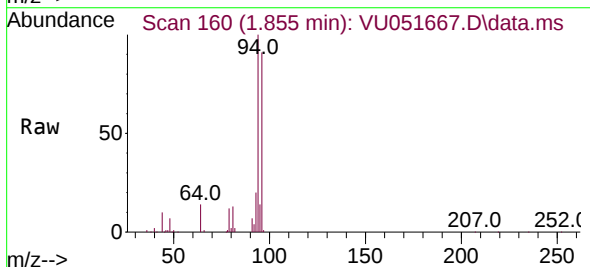
Instrument :
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 ClientSampleId :

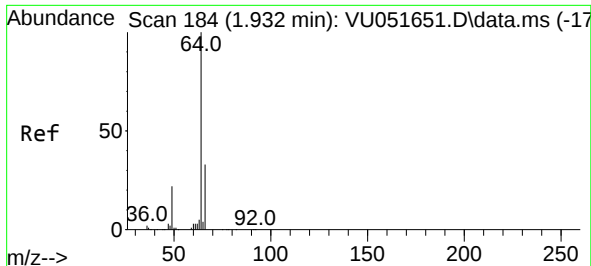
Tgt Ion: 62 Resp: 143768
 Ion Ratio Lower Upper
 62 100
 64 42.9 22.1 41.1#



#6
 Bromomethane
 Concen: 4.478 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.003 min
 Lab File: VU051667.D
 Acq: 01 Nov 2022 20:36

Tgt Ion: 94 Resp: 57321
 Ion Ratio Lower Upper
 94 100
 96 91.1 63.2 117.4

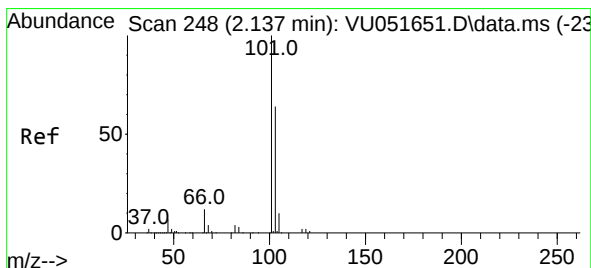
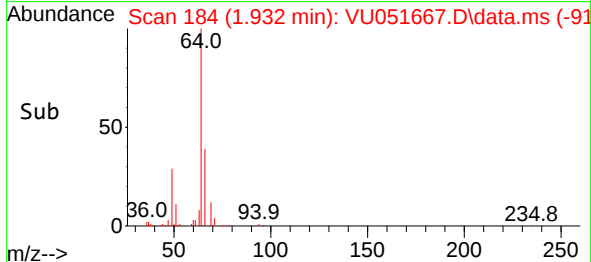
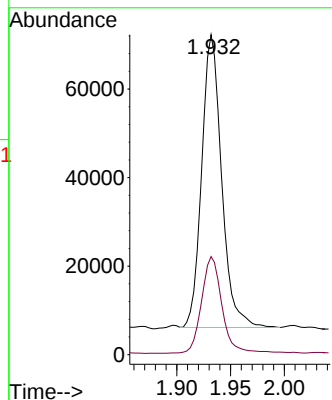
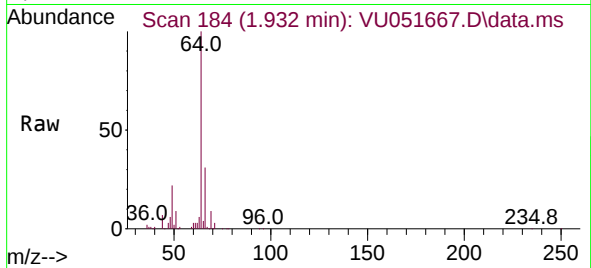




#8
Chloroethane
Concen: 5.207 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

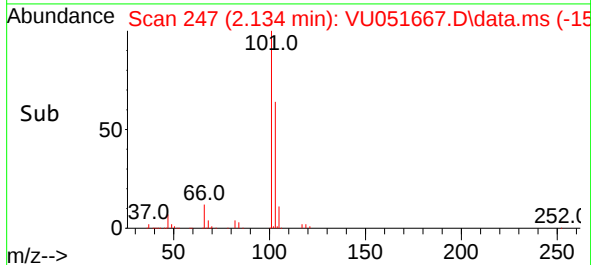
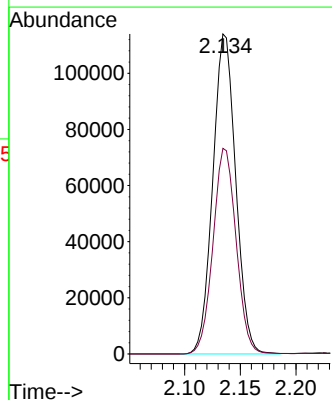
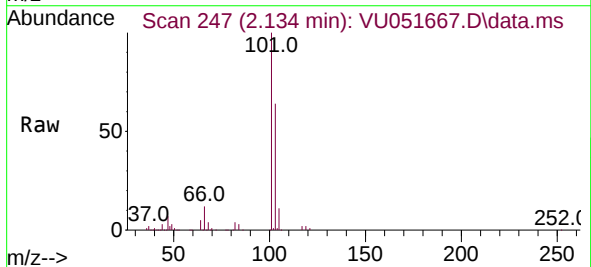
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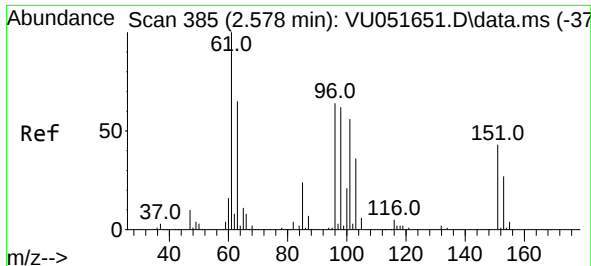
Tgt Ion: 64 Resp: 85363
Ion Ratio Lower Upper
64 100
66 30.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.516 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion: 101 Resp: 163477
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

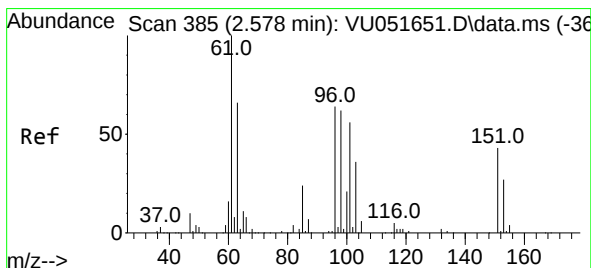
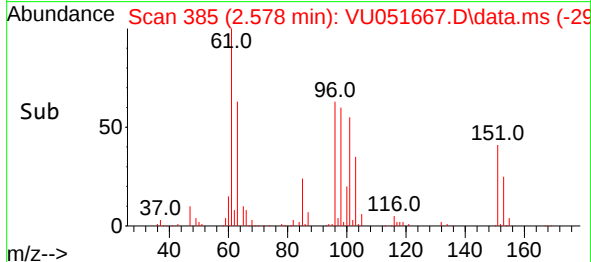
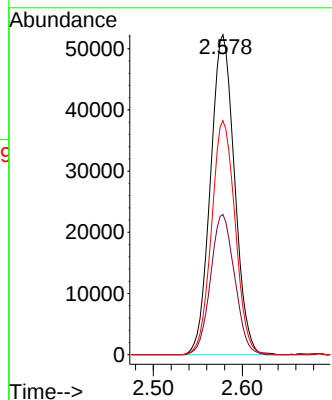
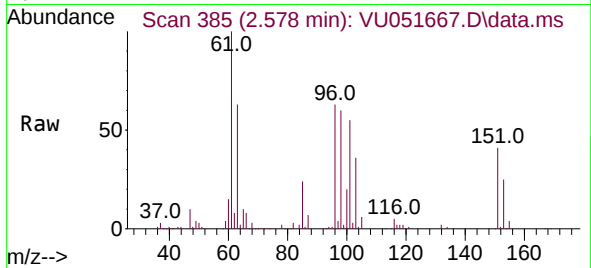




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.630 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051667.D
 Acq: 01 Nov 2022 20:36

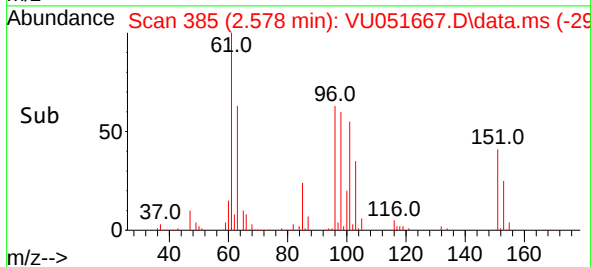
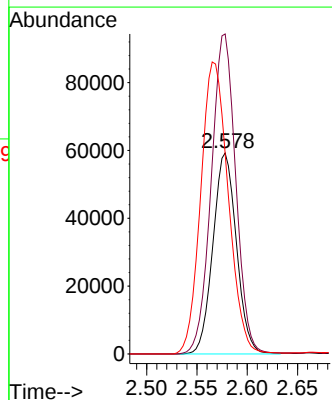
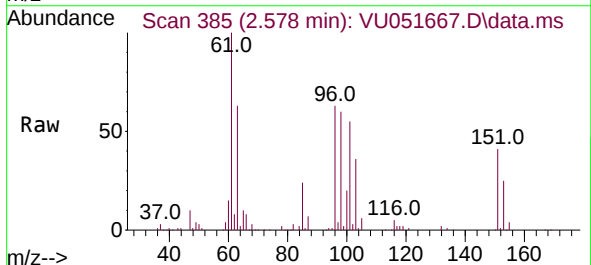
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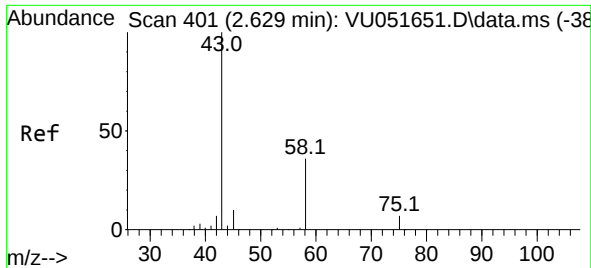
Tgt Ion: 101 Resp: 98097
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.6 53.4
 151 71.9 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.416 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051667.D
 Acq: 01 Nov 2022 20:36

Tgt Ion: 96 Resp: 96245
 Ion Ratio Lower Upper
 96 100
 61 159.3 108.8 202.0
 63 99.7 64.9 120.5





#13

Acetone

Concen: 53.877 ug/L

RT: 2.642 min Scan# 401

Delta R.T. 0.013 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

Instrument :

MSVOA_U

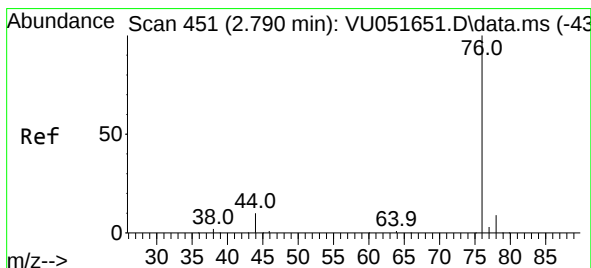
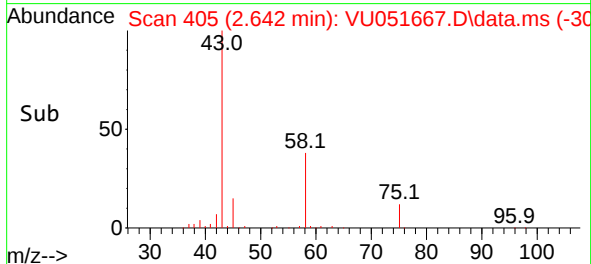
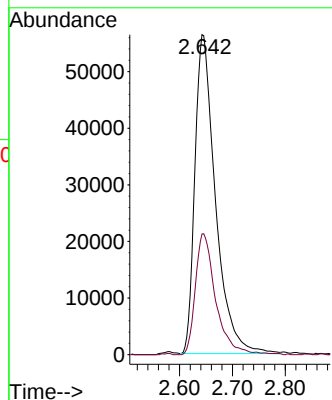
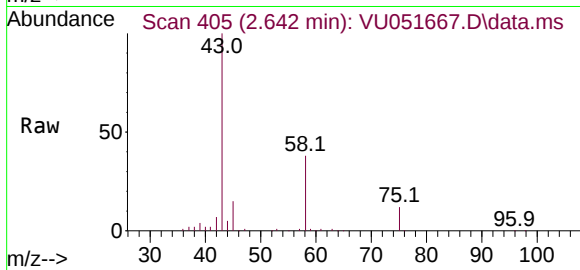
ClientSampleId :

Tgt Ion: 43 Resp: 152424

Ion Ratio Lower Upper

43 100

58 37.0 0.0 73.8



#14

Carbon disulfide

Concen: 5.332 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051667.D

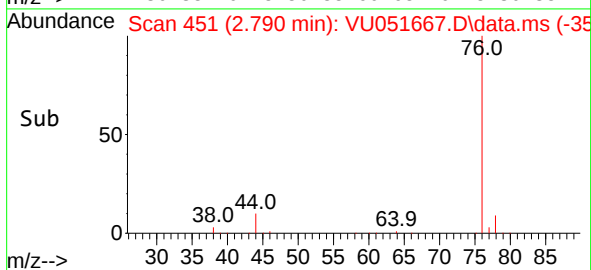
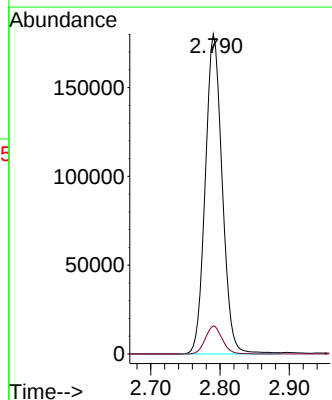
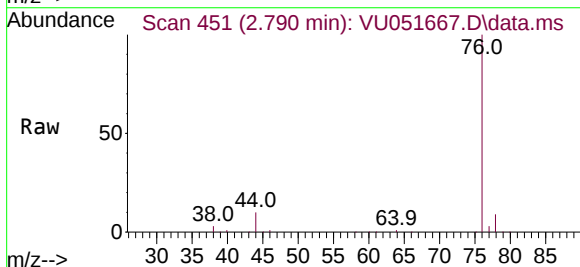
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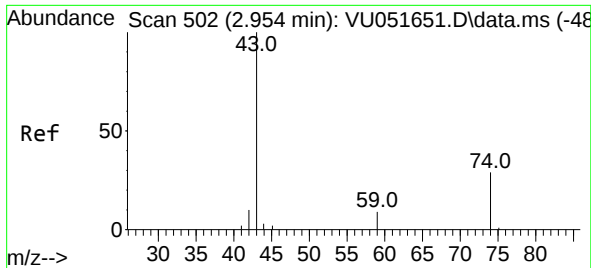
Tgt Ion: 76 Resp: 305471

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

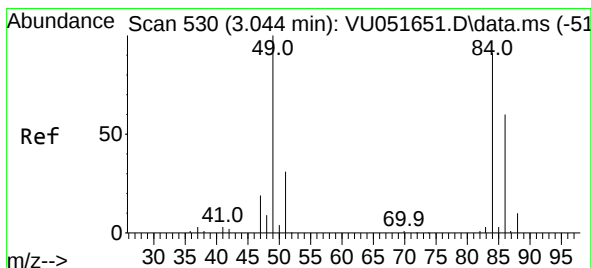
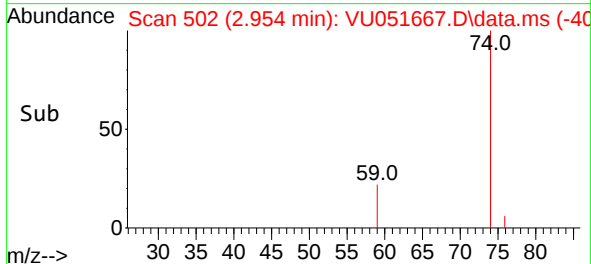
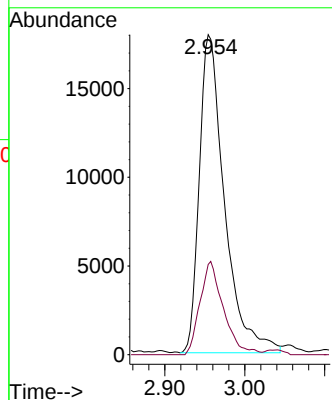
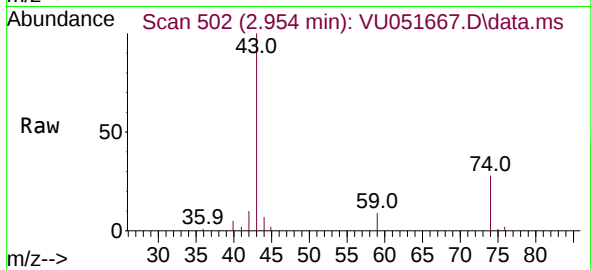




#15
Methyl Acetate
Concen: 5.306 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

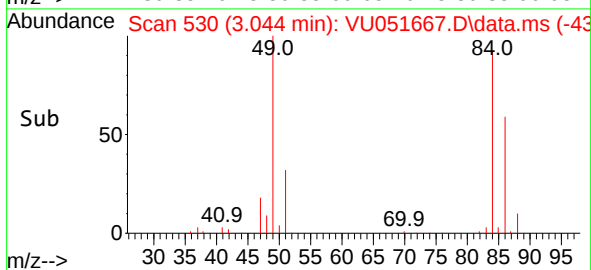
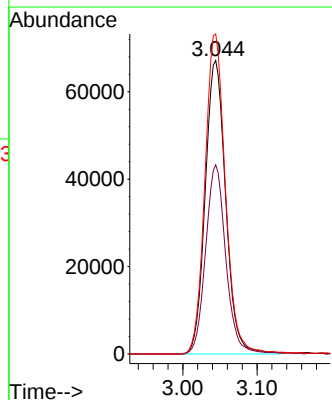
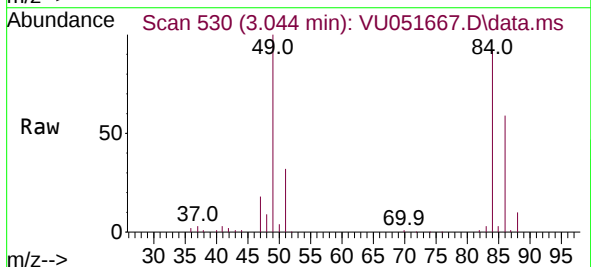
Instrument :
MSVOA_U
ClientSampleId :

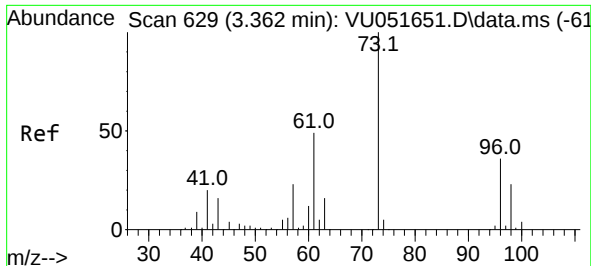
Tgt Ion: 43 Resp: 39297
Ion Ratio Lower Upper
43 100
74 27.2 20.2 30.4



#16
Methylene chloride
Concen: 4.417 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion: 84 Resp: 128577
Ion Ratio Lower Upper
84 100
86 64.4 46.3 85.9
49 109.0 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.406 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

Instrument :

MSVOA_U

ClientSampleId :

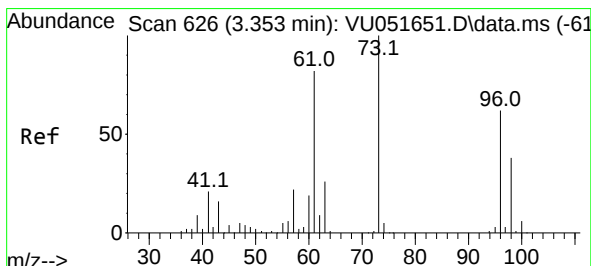
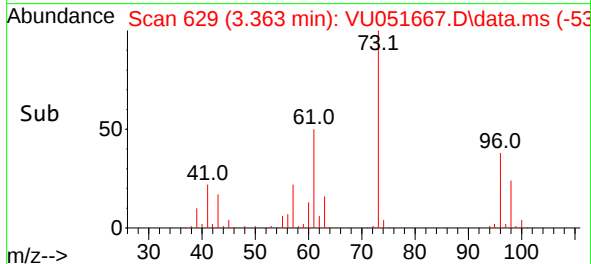
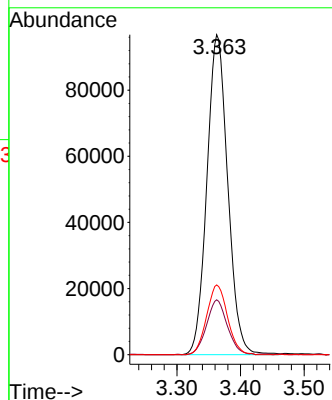
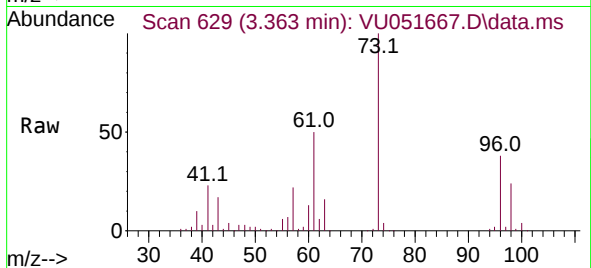
Tgt Ion: 73 Resp: 220308

Ion Ratio Lower Upper

73 100

43 17.0 13.6 20.4

57 21.8 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 5.386 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

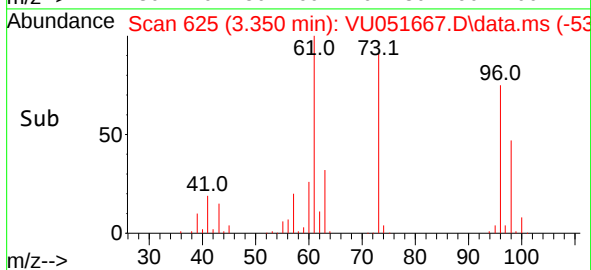
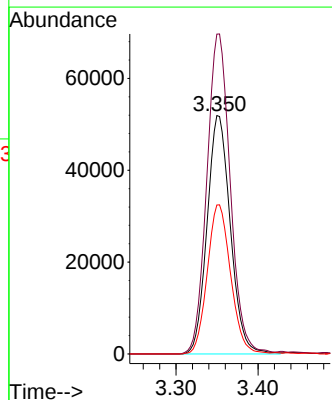
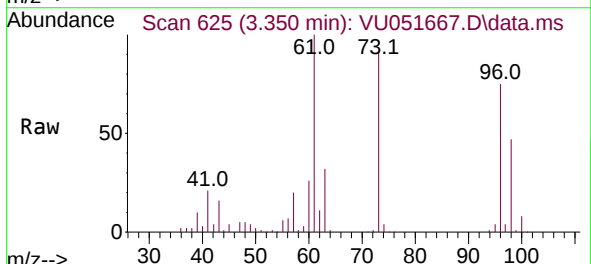
Tgt Ion: 96 Resp: 102730

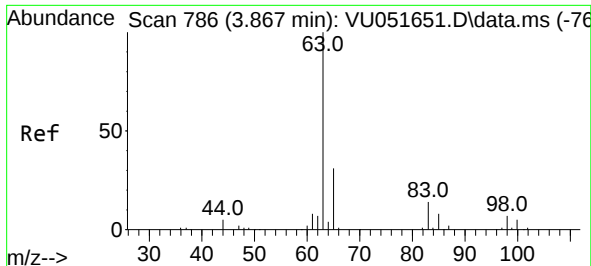
Ion Ratio Lower Upper

96 100

61 134.1 94.7 175.9

98 62.5 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.547 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

Instrument :

MSVOA_U

ClientSampleId :

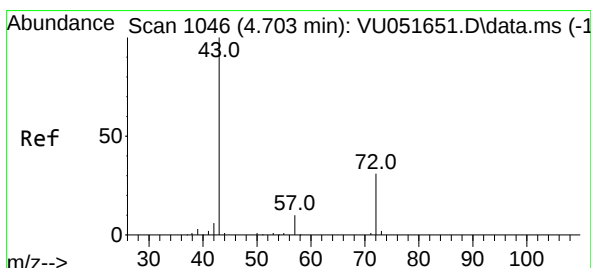
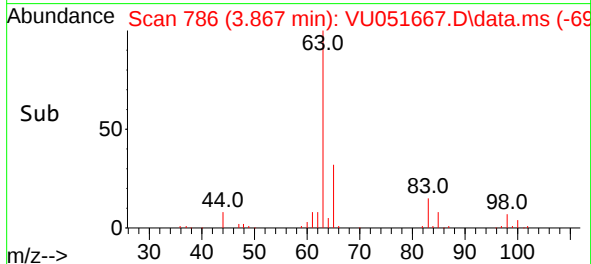
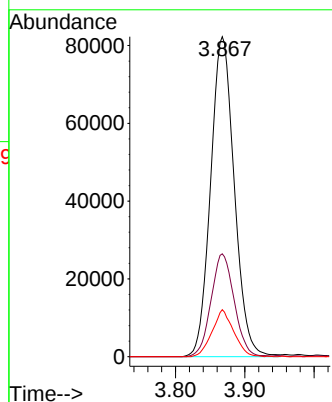
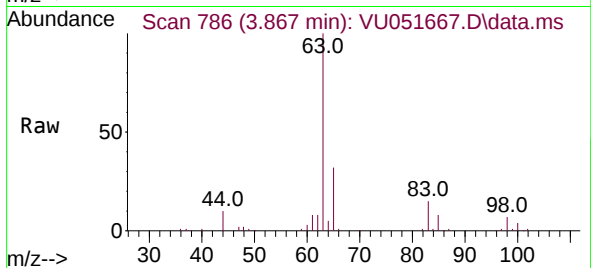
Tgt Ion: 63 Resp: 195139

Ion Ratio Lower Upper

63 100

65 32.2 22.7 42.1

83 14.7 9.2 17.0



#21

2-Butanone

Concen: 57.253 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.007 min

Lab File: VU051667.D

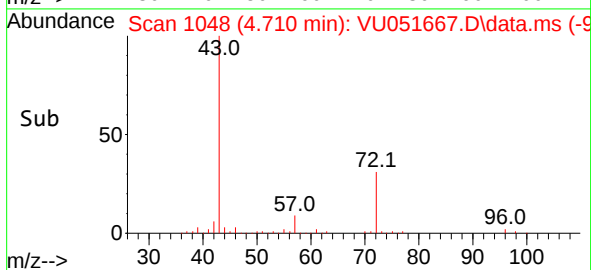
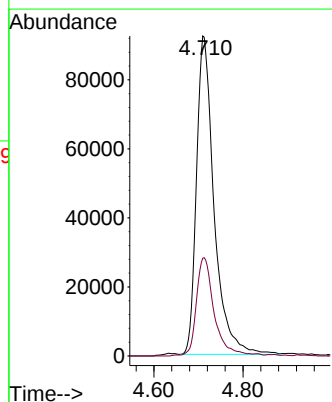
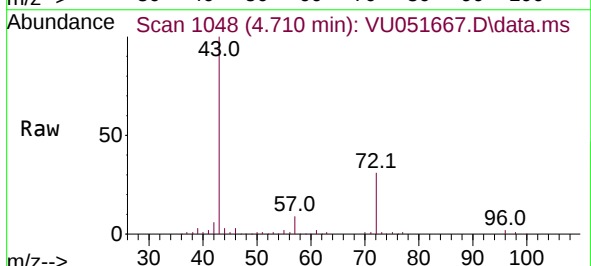
Acq: 01 Nov 2022 20:36

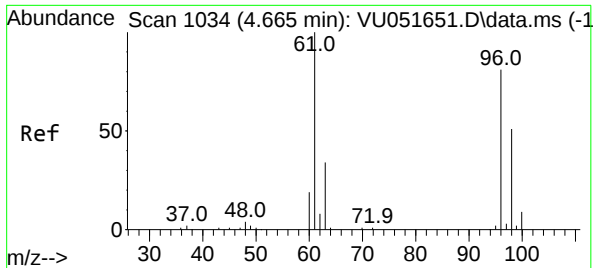
Tgt Ion: 43 Resp: 253659

Ion Ratio Lower Upper

43 100

72 30.0 16.2 48.5





#22

cis-1,2-Dichloroethene

Concen: 5.287 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

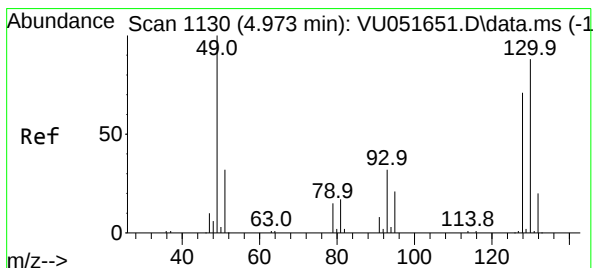
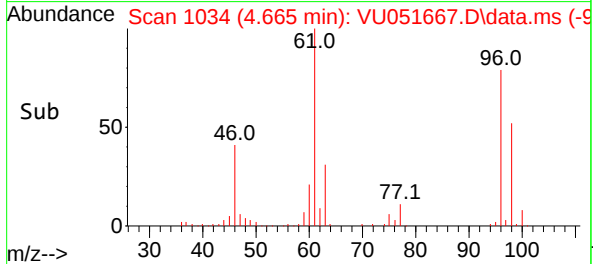
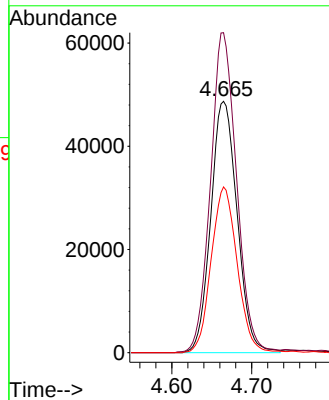
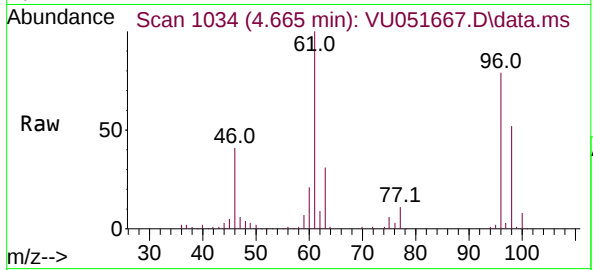
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 111582

Ion	Ratio	Lower	Upper
96	100		
61	127.3	86.4	160.4
98	65.9	44.2	82.2



#23

Bromochloromethane

Concen: 5.360 ug/L

RT: 4.973 min Scan# 1130

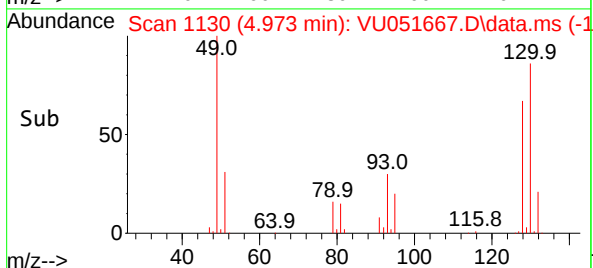
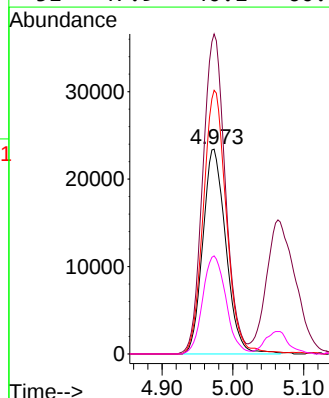
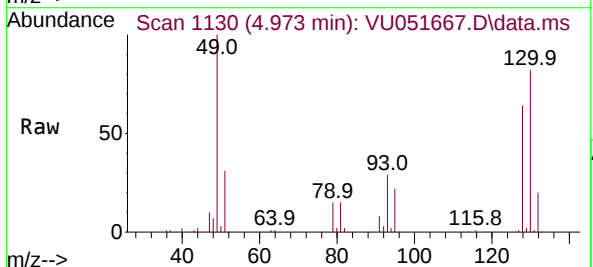
Delta R.T. 0.000 min

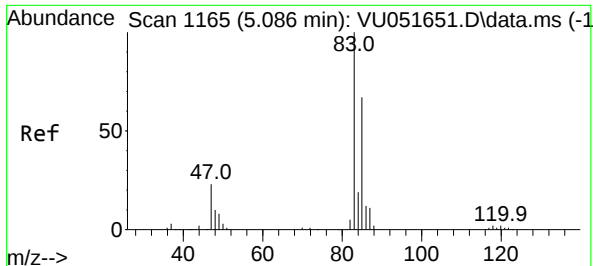
Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

Tgt Ion: 128 Resp: 52887

Ion	Ratio	Lower	Upper
128	100		
49	156.3	105.5	195.9
130	128.8	93.5	173.7
51	47.9	40.1	60.1





#25

Chloroform

Concen: 5.527 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

Instrument :

MSVOA_U

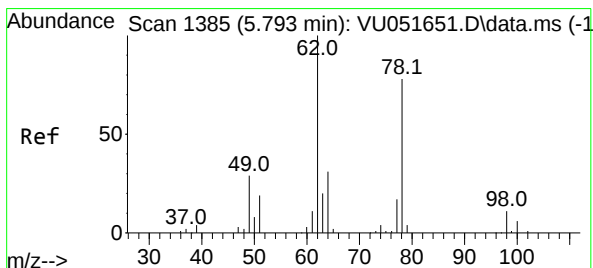
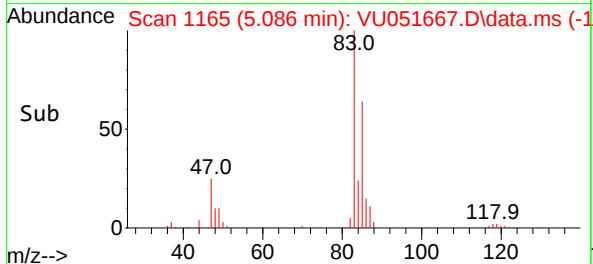
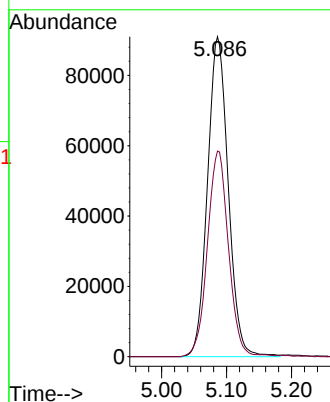
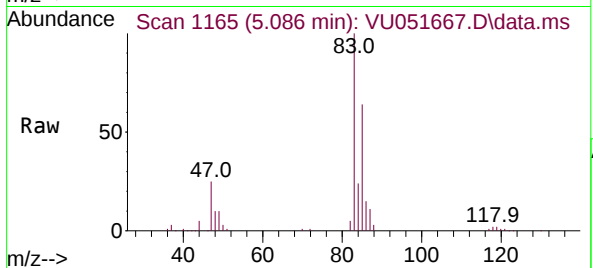
ClientSampleId :

Tgt Ion: 83 Resp: 201701

Ion Ratio Lower Upper

83 100

85 64.2 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.348 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051667.D

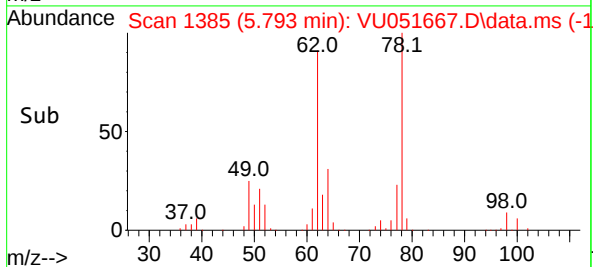
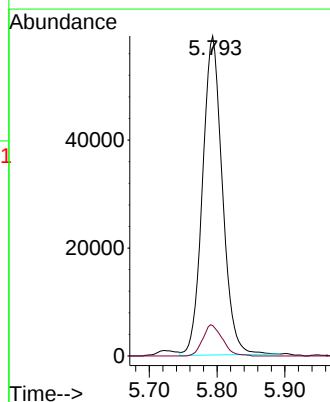
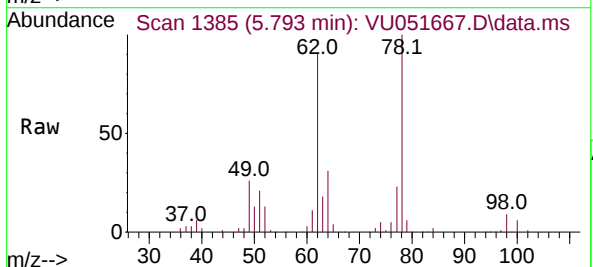
Acq: 01 Nov 2022 20:36

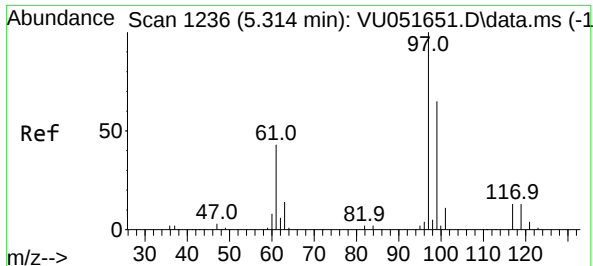
Tgt Ion: 62 Resp: 120114

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.537 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

Instrument :

MSVOA_U

ClientSampleId :

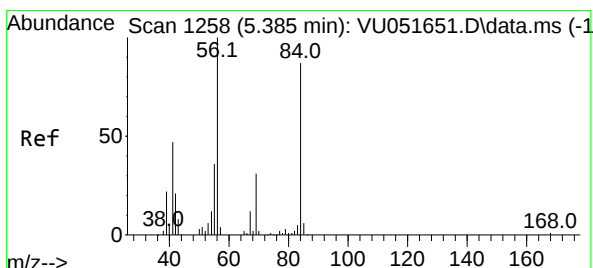
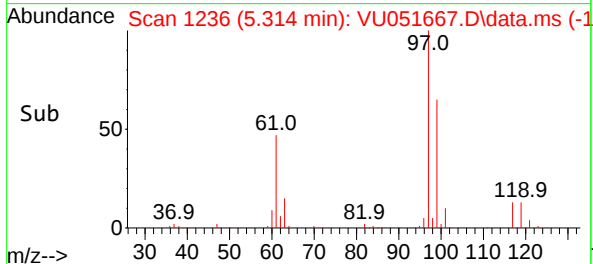
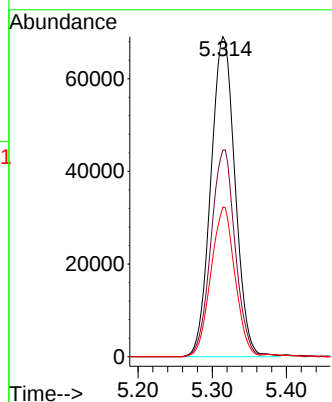
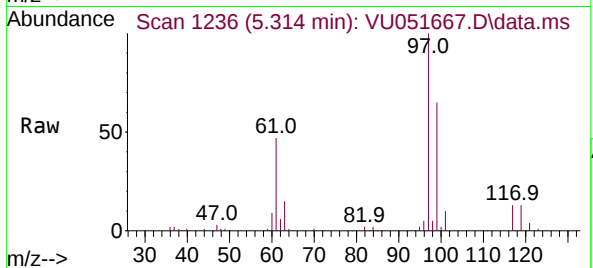
Tgt Ion: 97 Resp: 156577

Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

61 46.4 37.4 56.0



#30

Cyclohexane

Concen: 5.396 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

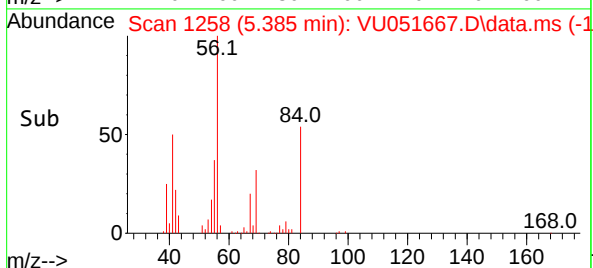
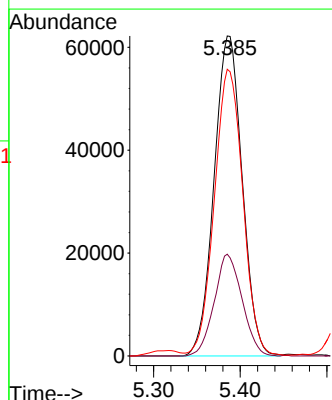
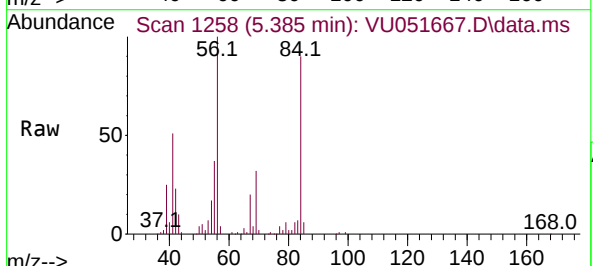
Tgt Ion: 56 Resp: 140523

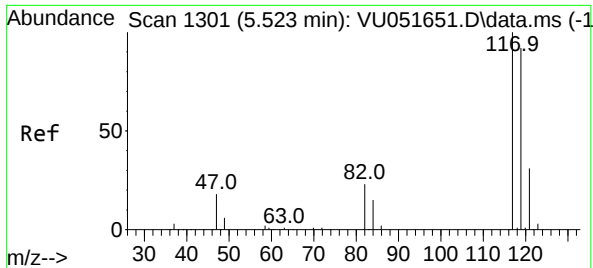
Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.0

84 90.3 71.4 107.0

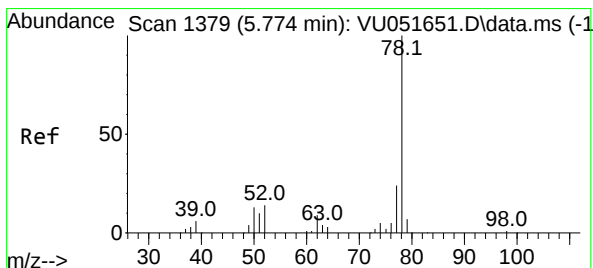
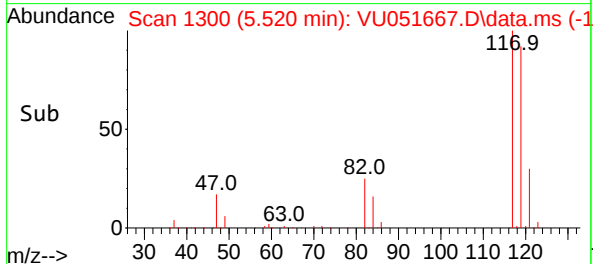
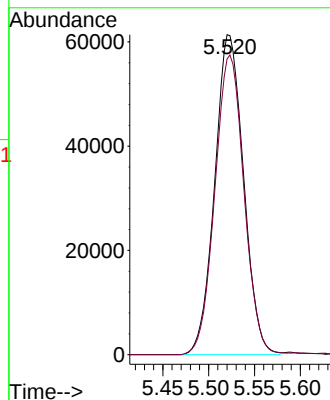
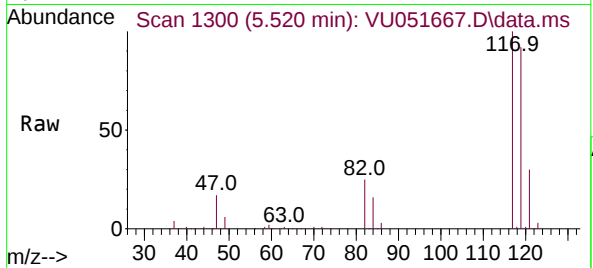




#31
Carbon tetrachloride
Concen: 5.550 ug/L
RT: 5.520 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

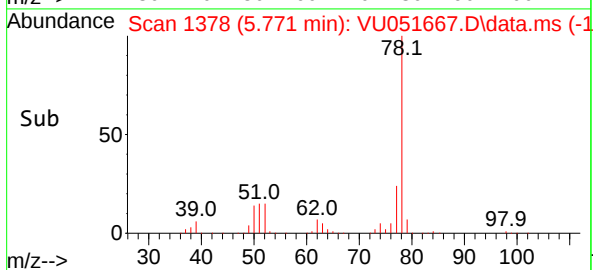
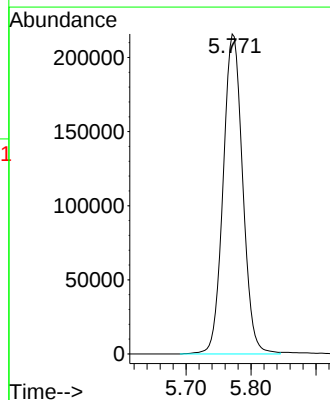
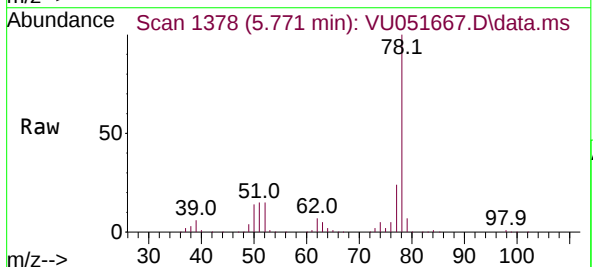
Instrument :
MSVOA_U
ClientSampleId :

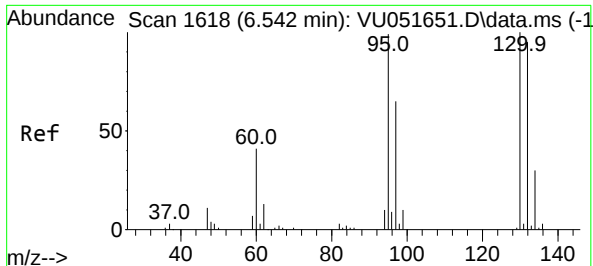
Tgt Ion:117 Resp: 134231
Ion Ratio Lower Upper
117 100
119 94.4 77.5 116.3



#33
Benzene
Concen: 5.478 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion: 78 Resp: 450271

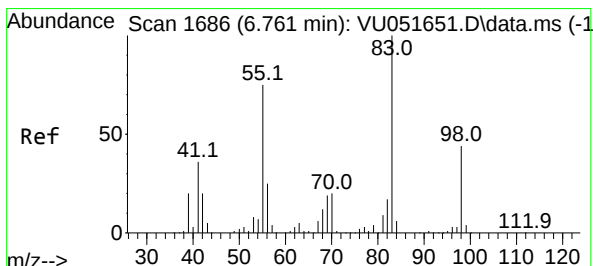
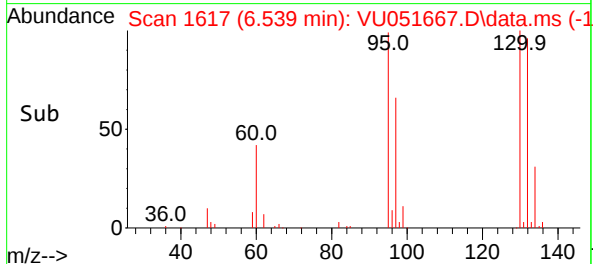
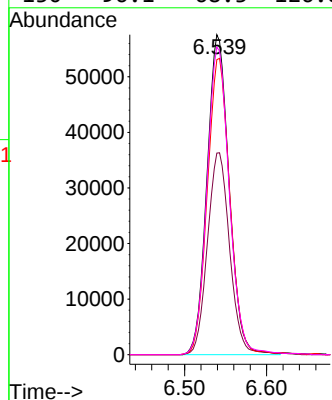
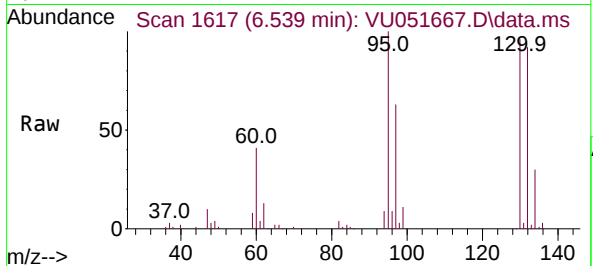




#34
Trichloroethene
Concen: 5.452 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

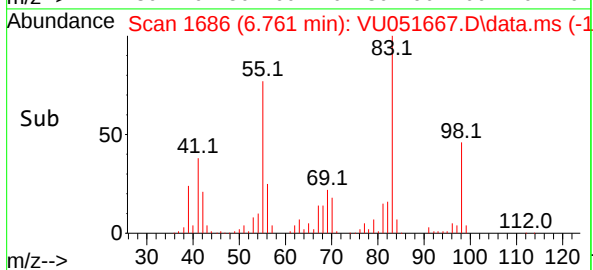
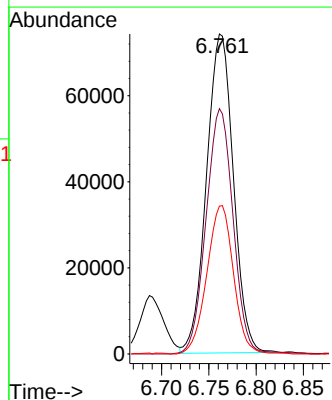
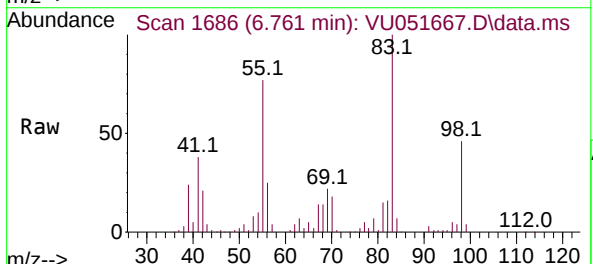
Instrument :
MSVOA_U
ClientSampleId :

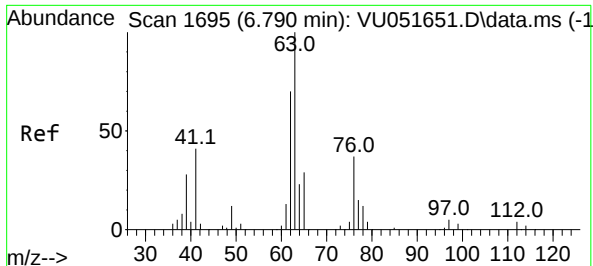
Tgt Ion: 95 Resp: 108142
Ion Ratio Lower Upper
95 100
97 63.0 45.2 84.0
132 92.2 66.5 123.5
130 96.1 68.3 126.8



#35
Methylcyclohexane
Concen: 5.351 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion: 83 Resp: 146757
Ion Ratio Lower Upper
83 100
55 77.4 60.6 90.8
98 46.0 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.514 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

Instrument :

MSVOA_U

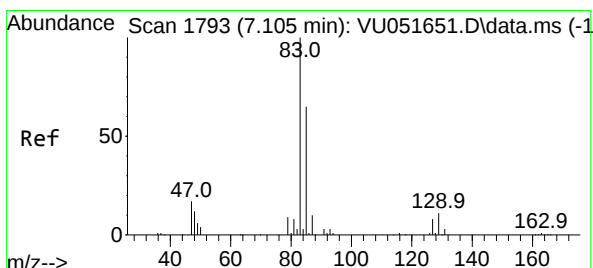
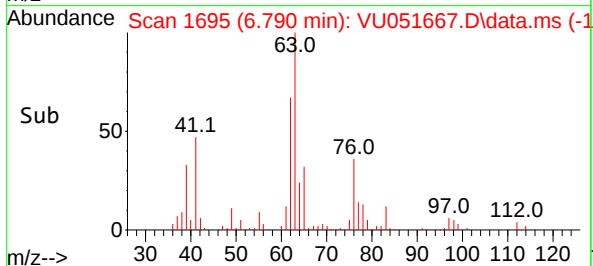
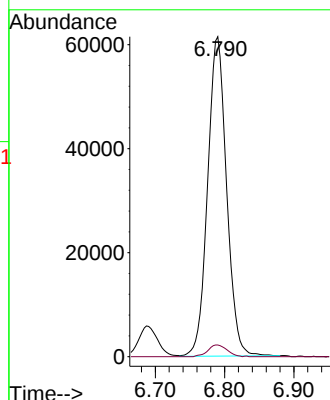
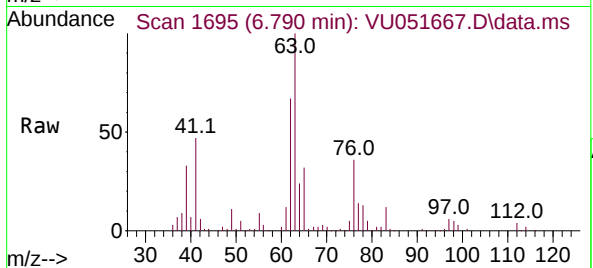
ClientSampleId :

Tgt Ion: 63 Resp: 116566

Ion Ratio Lower Upper

63 100

112 3.7 3.3 4.9



#38

Bromodichloromethane

Concen: 5.475 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

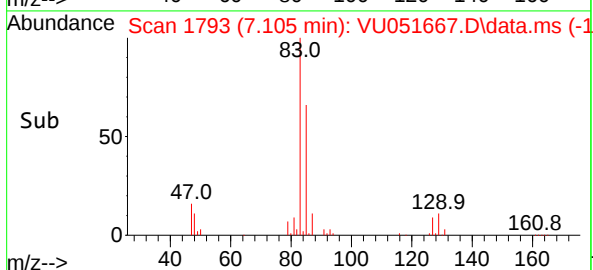
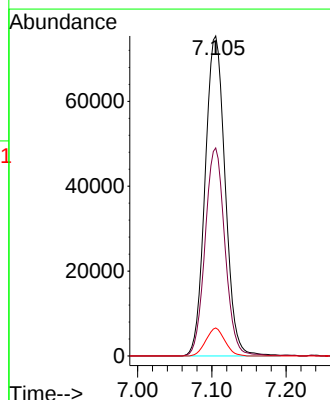
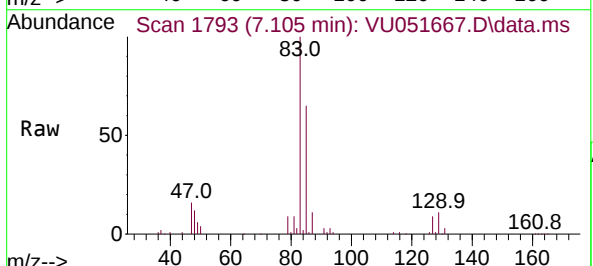
Tgt Ion: 83 Resp: 141394

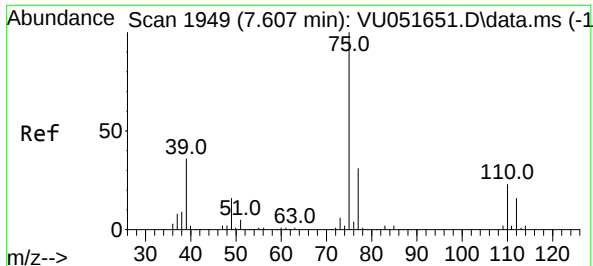
Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.7

127 8.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.202 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

Instrument :

MSVOA_U

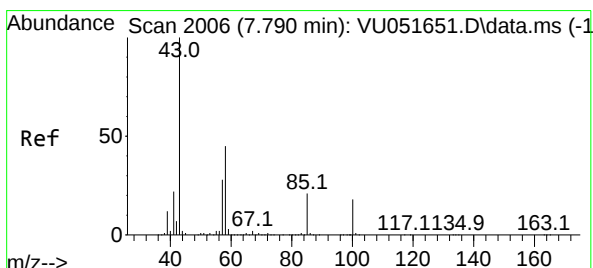
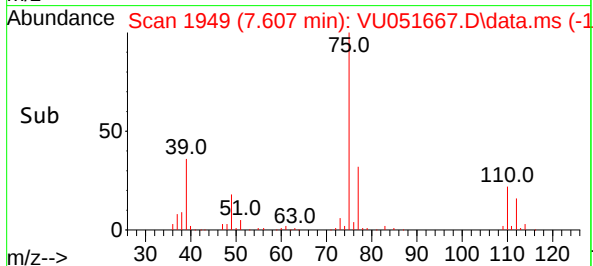
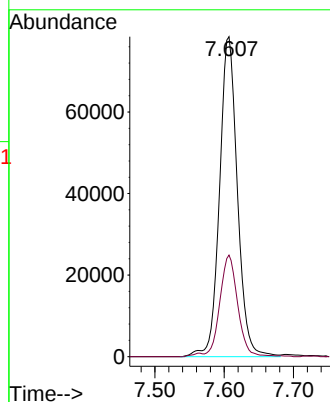
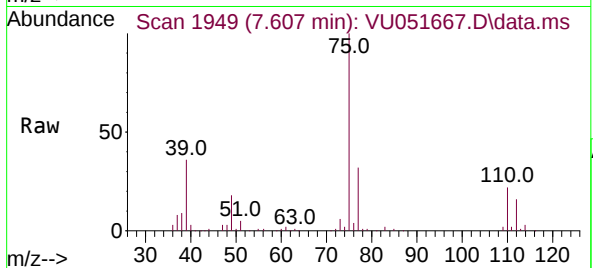
ClientSampleId :

Tgt Ion: 75 Resp: 141080

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 56.963 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

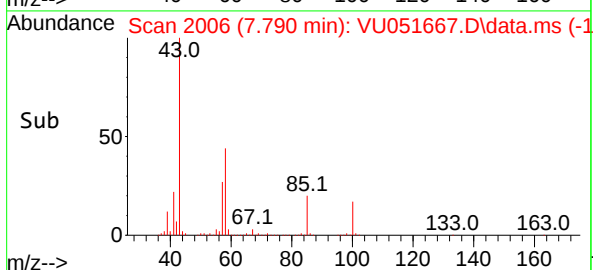
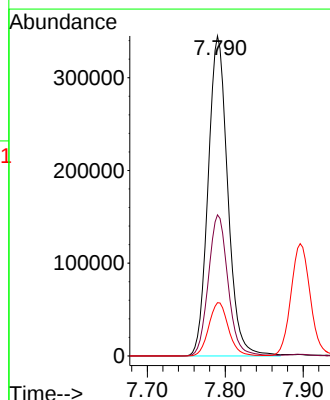
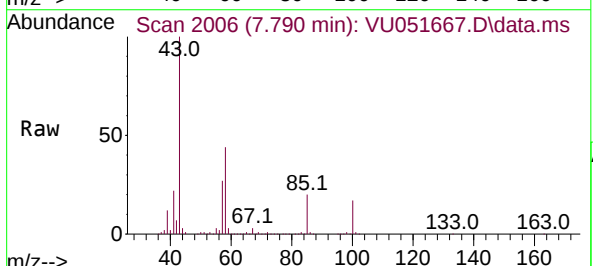
Tgt Ion: 43 Resp: 604026

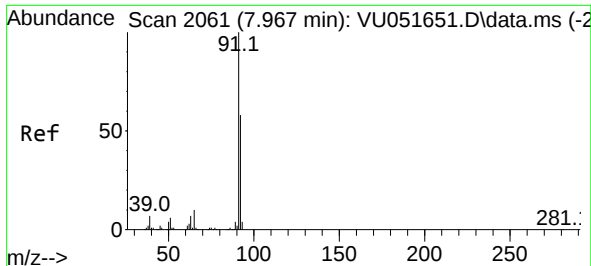
Ion Ratio Lower Upper

43 100

58 44.2 35.0 52.6

100 16.7 13.4 20.0





#42

Toluene

Concen: 5.660 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

Instrument :

MSVOA_U

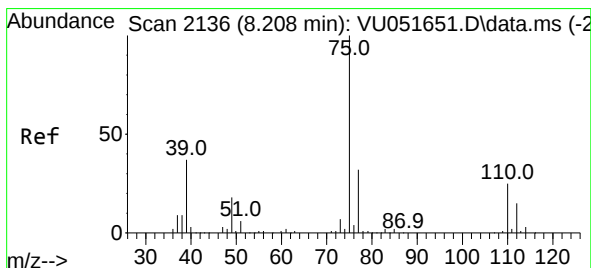
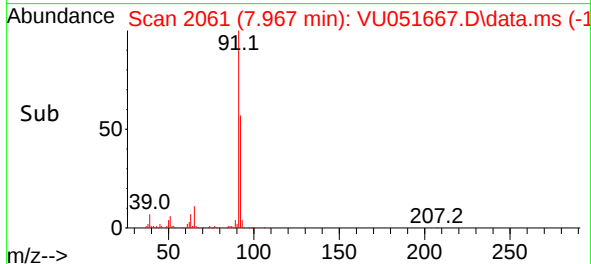
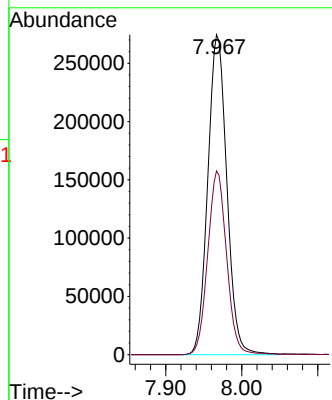
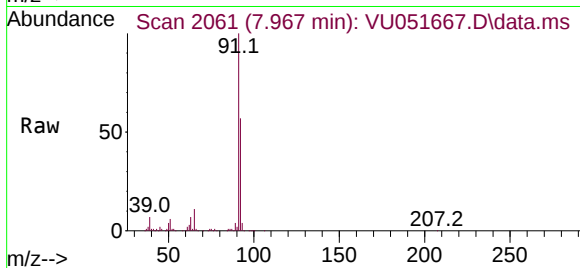
ClientSampleId :

Tgt Ion: 91 Resp: 477785

Ion Ratio Lower Upper

91 100

92 57.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.421 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051667.D

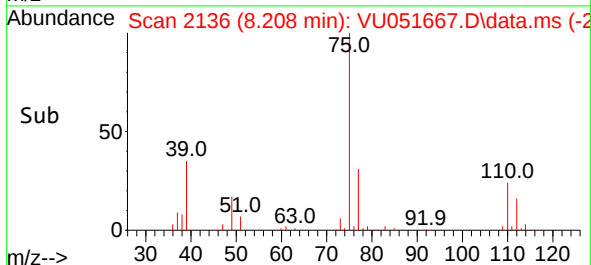
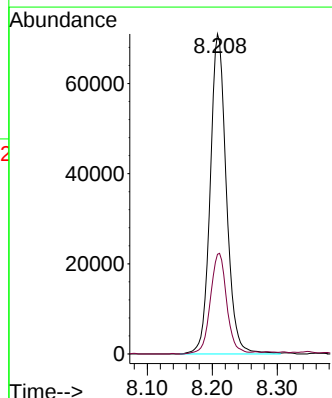
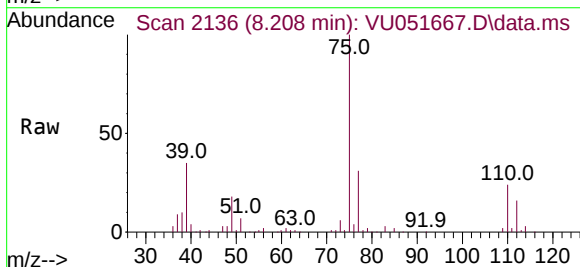
Acq: 01 Nov 2022 20:36

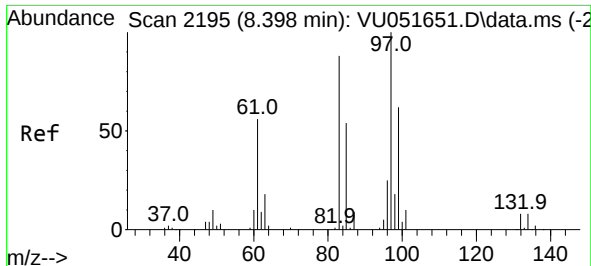
Tgt Ion: 75 Resp: 122879

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 5.476 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. 0.000 min

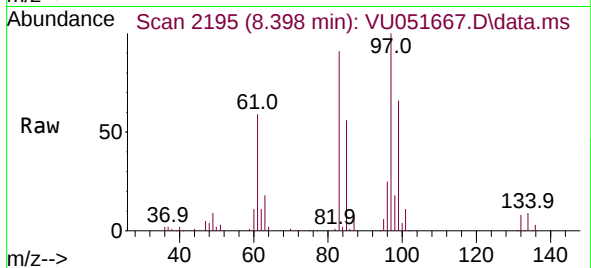
Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 84839

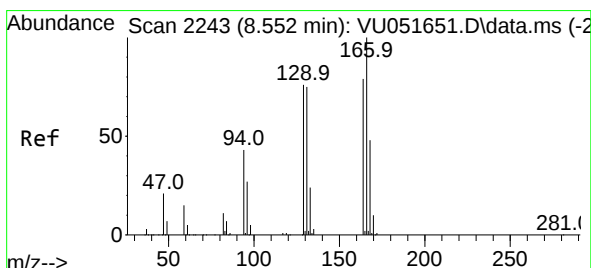
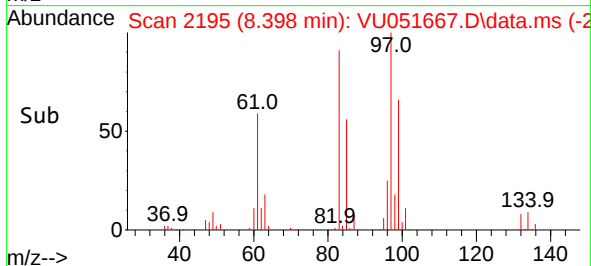
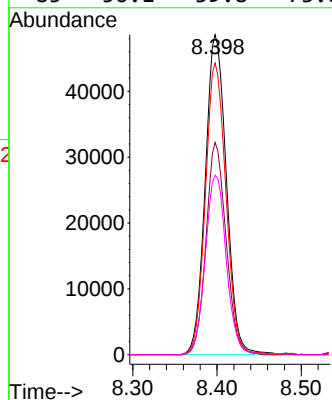
Ion Ratio Lower Upper

97 100

99 66.3 43.4 80.6

83 91.1 61.3 113.9

85 56.1 39.8 73.8



#47

Tetrachloroethene

Concen: 5.427 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

Tgt Ion: 164 Resp: 82452

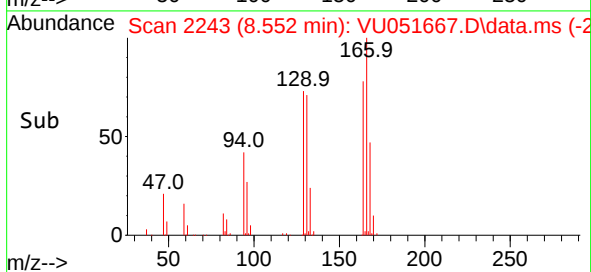
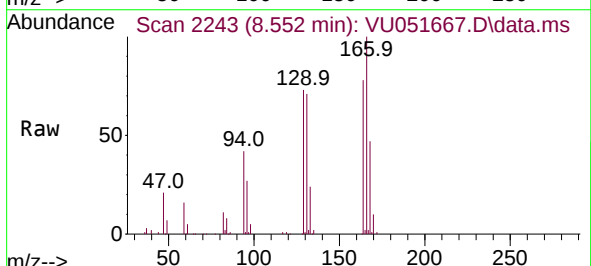
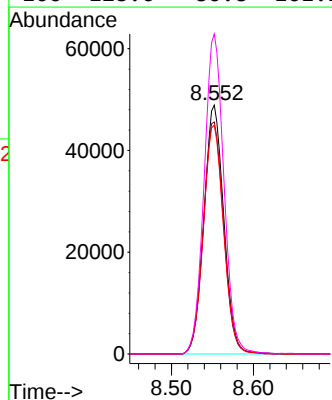
Ion Ratio Lower Upper

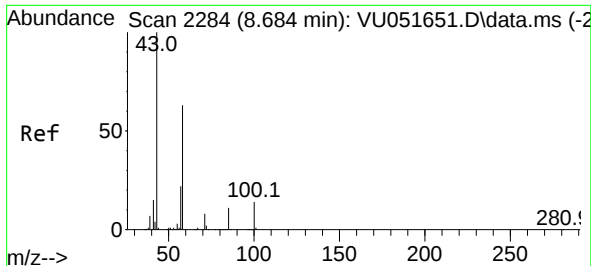
164 100

129 93.3 64.0 118.8

131 92.0 60.7 112.7

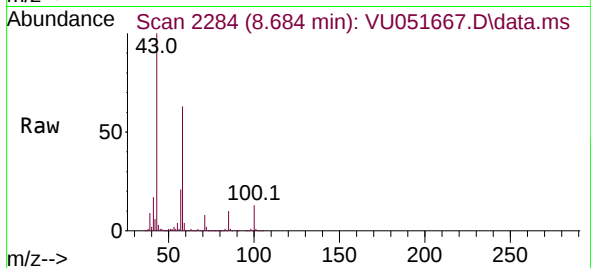
166 128.6 86.8 161.2



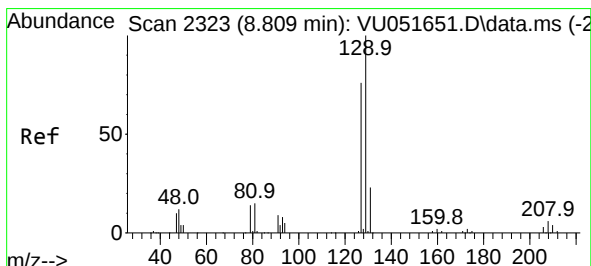
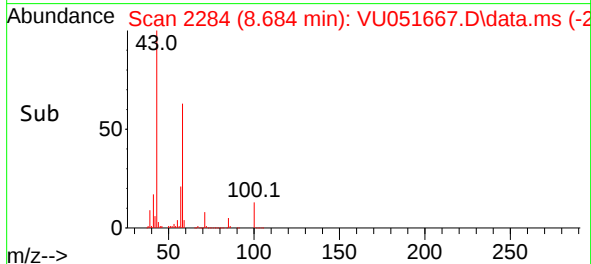
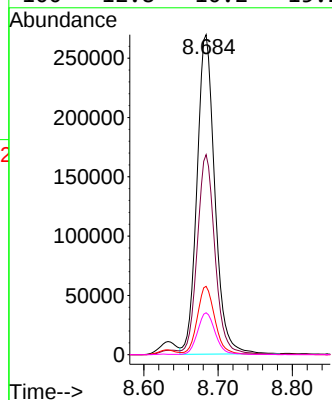


#48
2-Hexanone
Concen: 57.418 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Instrument :
MSVOA_U
ClientSampleId :

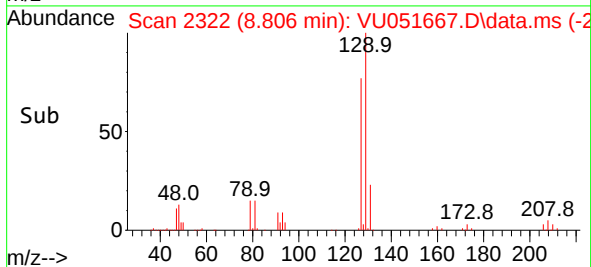
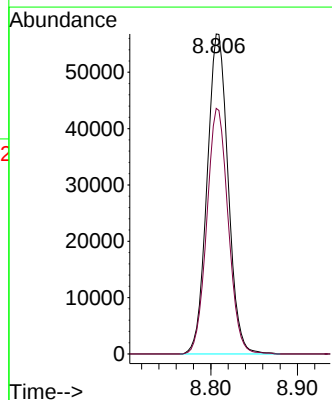
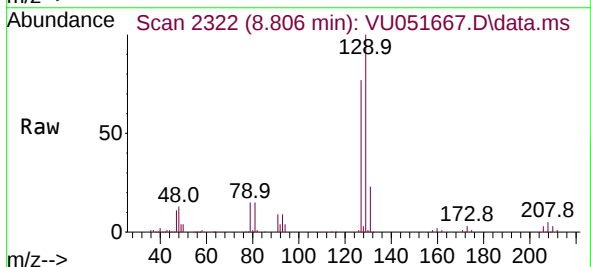


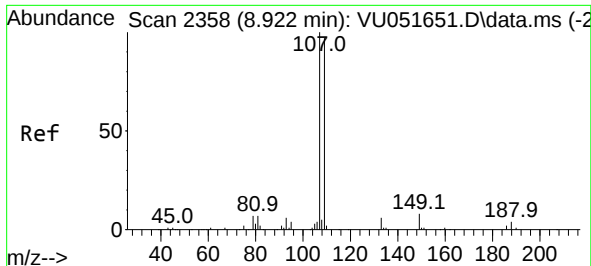
Tgt Ion: 43 Resp: 450679
Ion Ratio Lower Upper
43 100
58 62.3 48.2 72.2
57 21.0 16.6 25.0
100 12.8 10.2 15.2



#49
Dibromochloromethane
Concen: 5.404 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

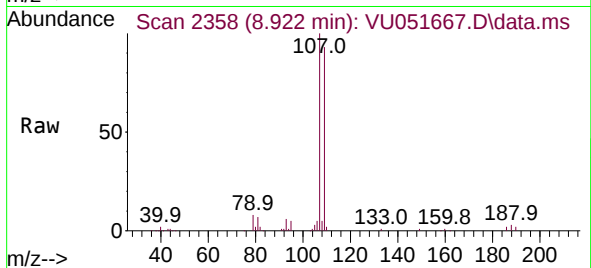
Tgt Ion: 129 Resp: 95644
Ion Ratio Lower Upper
129 100
127 76.7 54.8 101.8



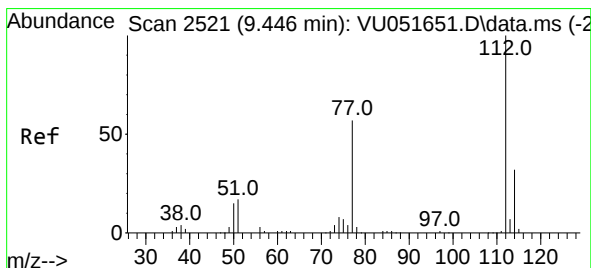
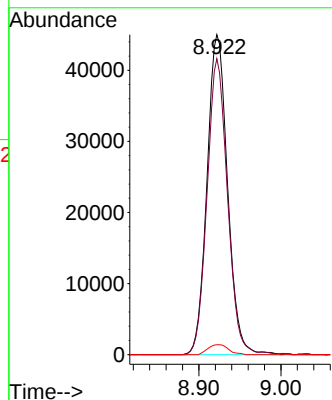
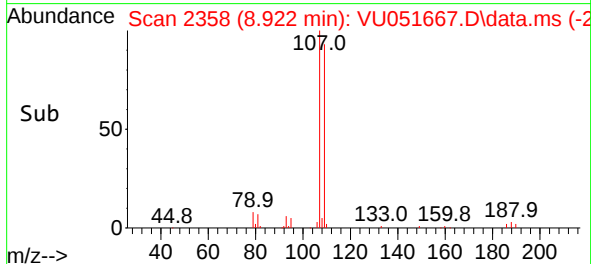


#50
1,2-Dibromoethane
Concen: 5.605 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Instrument :
MSVOA_U
ClientSampleId :

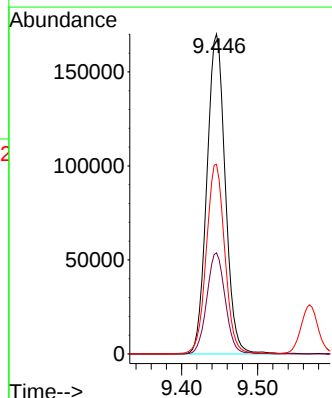
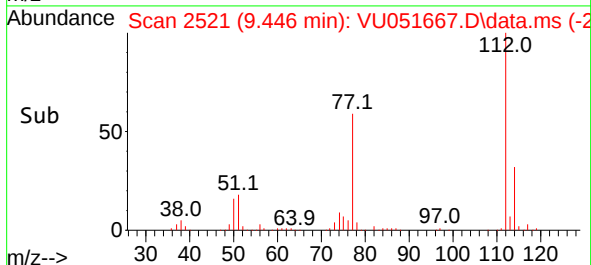
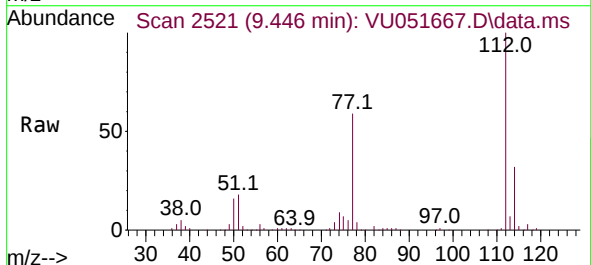


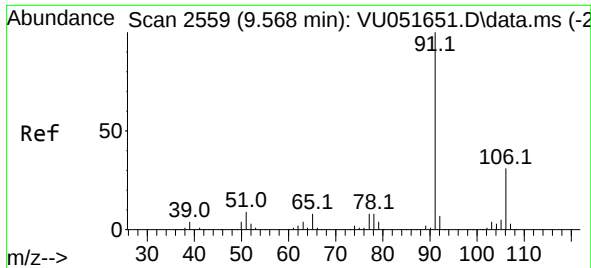
Tgt Ion:107 Resp: 78336
Ion Ratio Lower Upper
107 100
109 92.5 63.0 117.0
188 3.1 3.0 4.4



#51
Chlorobenzene
Concen: 5.372 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion:112 Resp: 285412
Ion Ratio Lower Upper
112 100
114 31.6 22.0 40.8
77 59.2 46.7 70.1

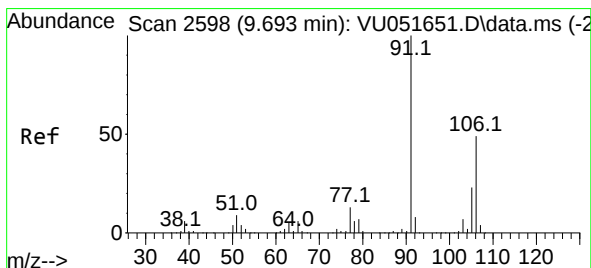
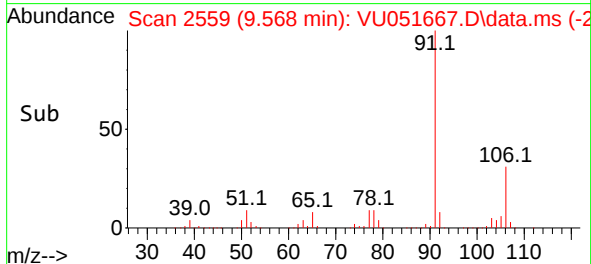
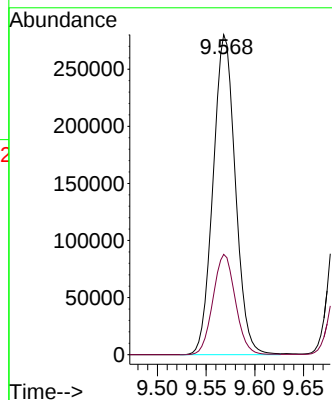
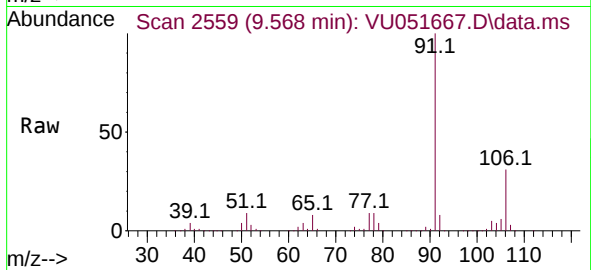




#52
Ethylbenzene
Concen: 5.462 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

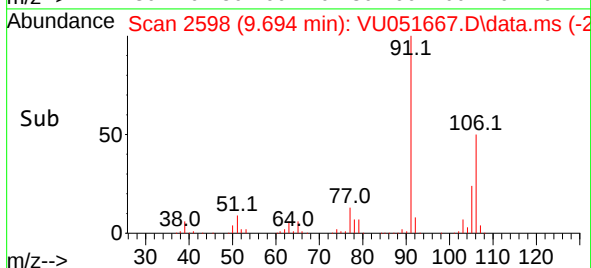
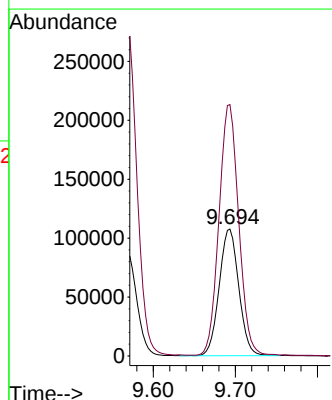
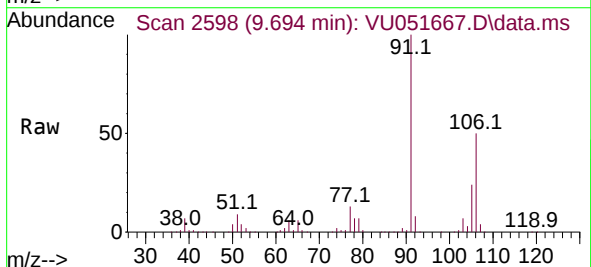
Instrument :
MSVOA_U
ClientSampleId :

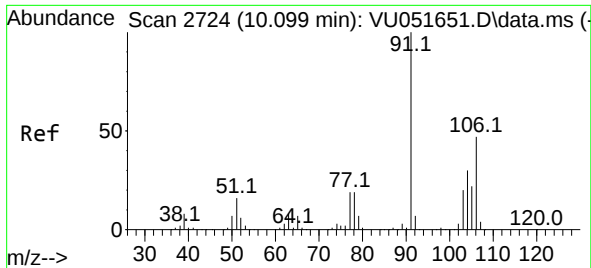
Tgt Ion: 91 Resp: 444894
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.6



#53
m,p-Xylene
Concen: 5.648 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion: 106 Resp: 178689
Ion Ratio Lower Upper
106 100
91 198.1 139.4 259.0

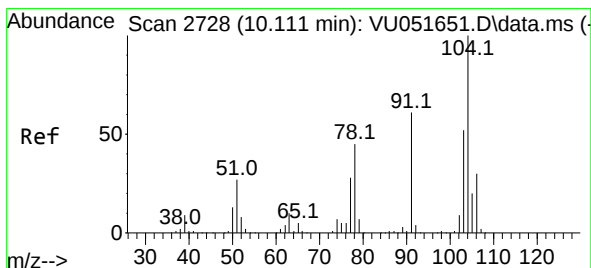
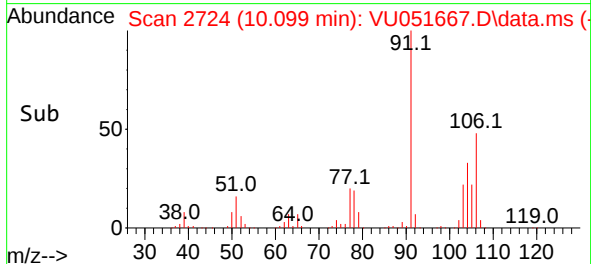
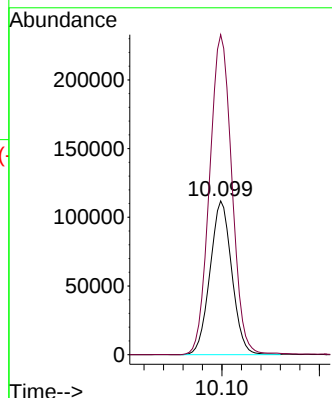
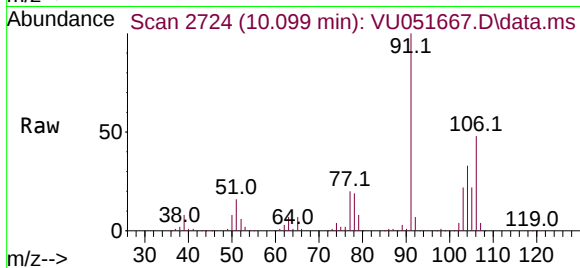




#54
o-Xylene
Concen: 5.615 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

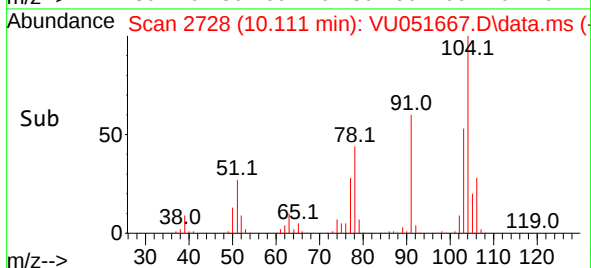
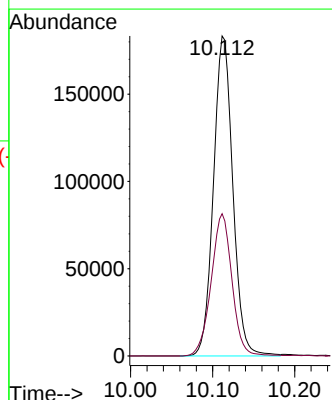
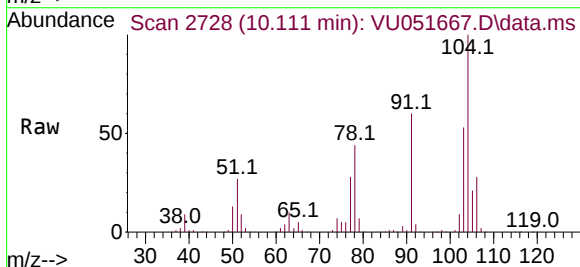
Instrument :
MSVOA_U
ClientSampleId :

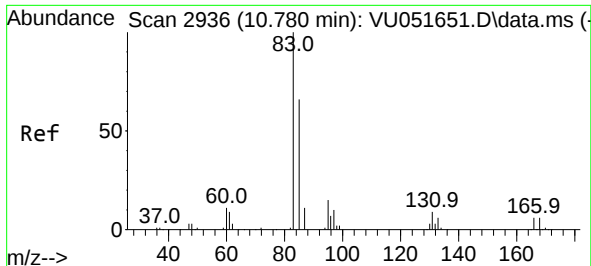
Tgt Ion:106 Resp: 173607
Ion Ratio Lower Upper
106 100
91 208.1 149.2 277.2



#55
Styrene
Concen: 5.824 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion:104 Resp: 301045
Ion Ratio Lower Upper
104 100
78 44.4 31.8 59.0

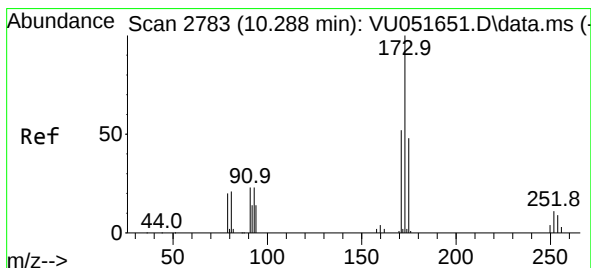
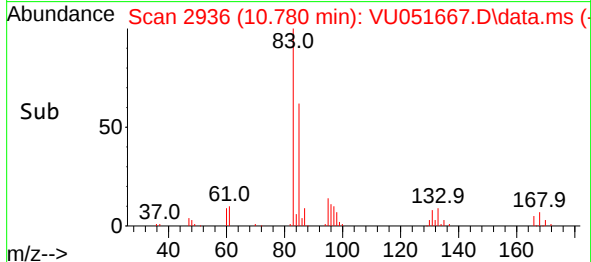
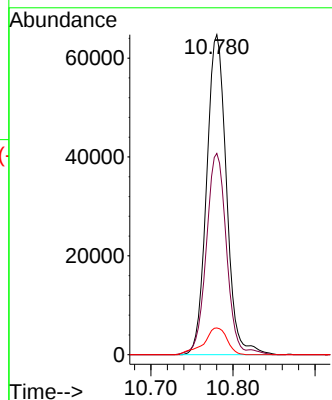
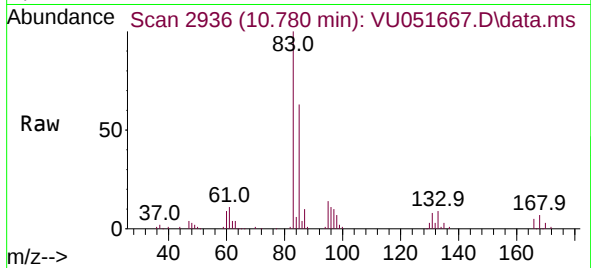




#57
1,1,2,2-Tetrachloroethane
Concen: 5.645 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

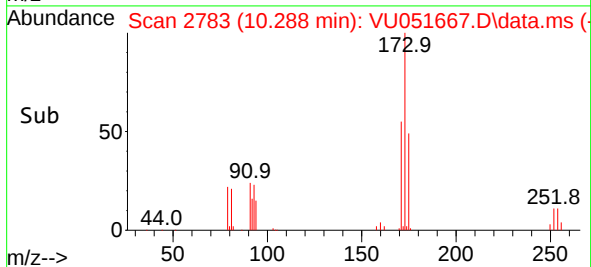
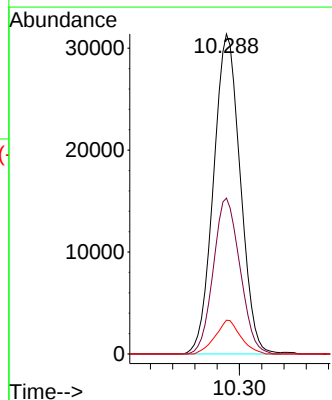
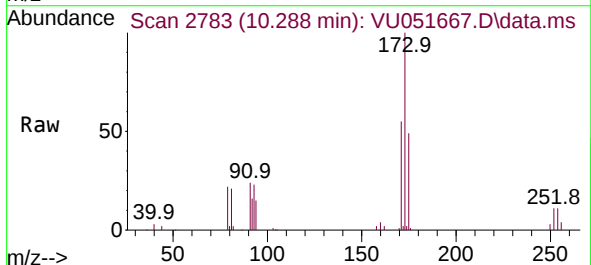
Instrument :
MSVOA_U
ClientSampleId :

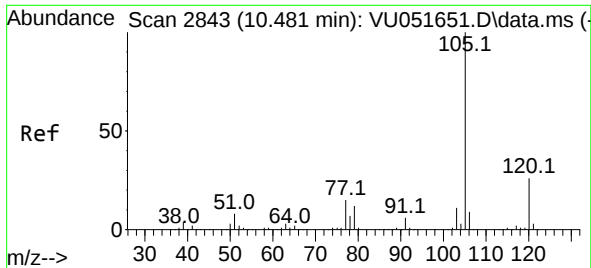
Tgt Ion: 83 Resp: 108429
Ion Ratio Lower Upper
83 100
85 62.9 44.9 83.5
131 8.3 7.8 11.8



#59
Bromoform
Concen: 5.230 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion:173 Resp: 52337
Ion Ratio Lower Upper
173 100
175 48.5 38.7 58.1
254 10.0 7.3 10.9

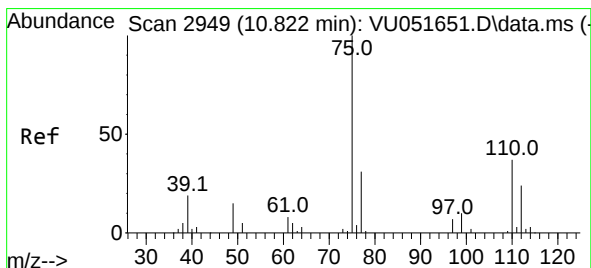
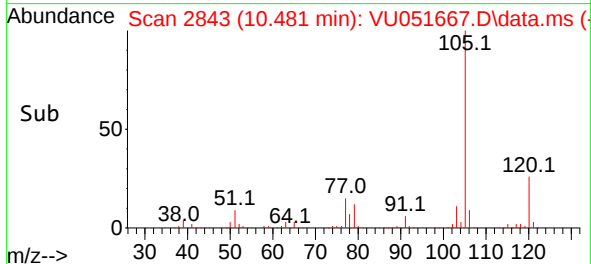
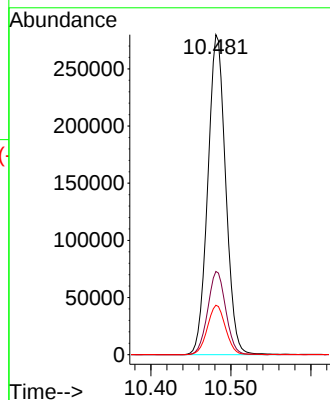
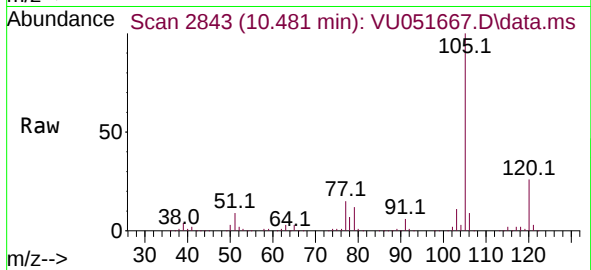




#60
Isopropylbenzene
Concen: 5.497 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

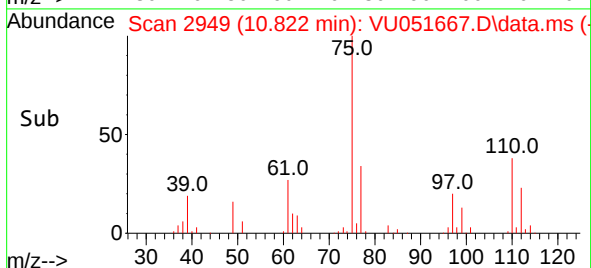
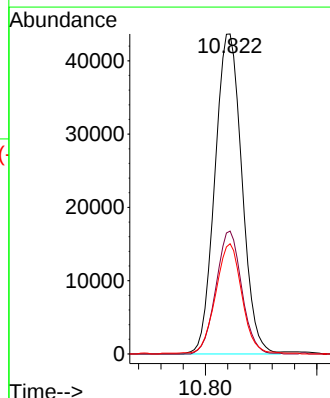
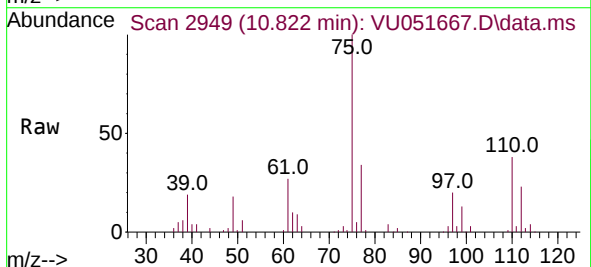
Instrument :
MSVOA_U
ClientSampleId :

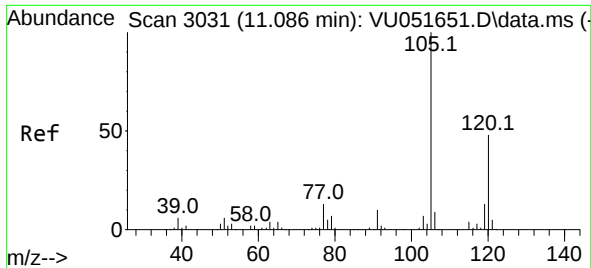
Tgt Ion:105 Resp: 434626
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.8 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.247 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion: 75 Resp: 73490
Ion Ratio Lower Upper
75 100
110 36.5 28.7 43.1
77 33.8 26.1 39.1

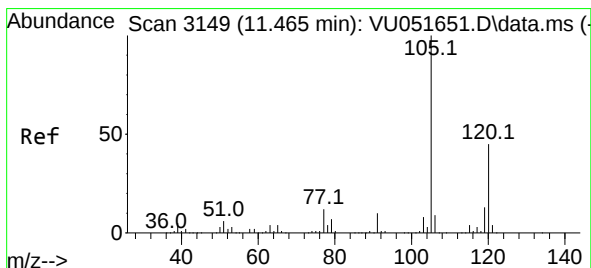
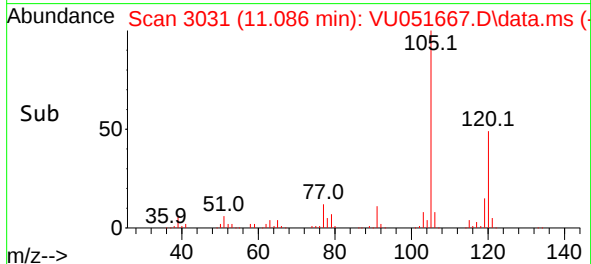
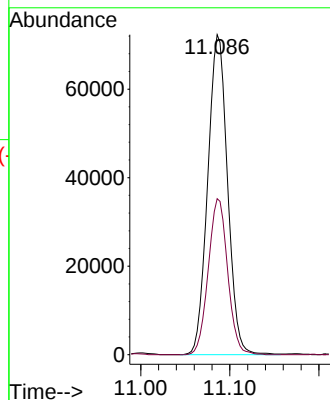
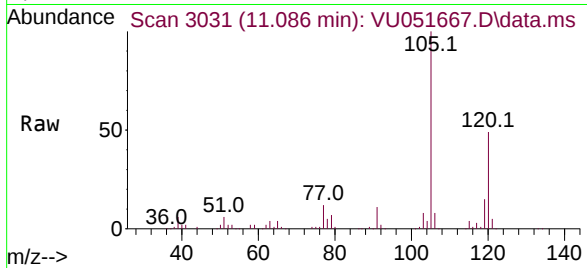




#62
1,3,5-Trimethylbenzene
Concen: 5.230 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

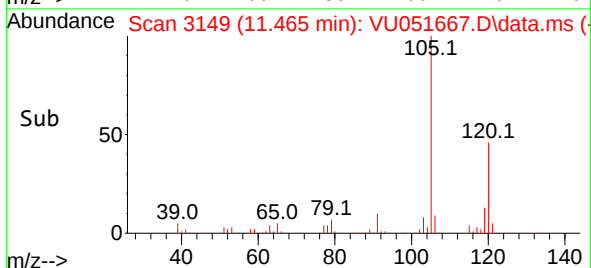
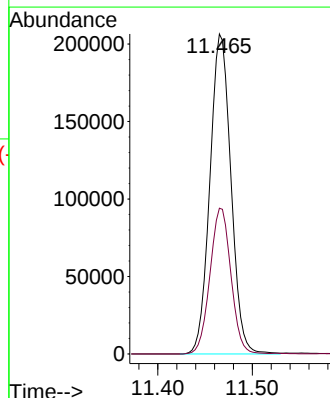
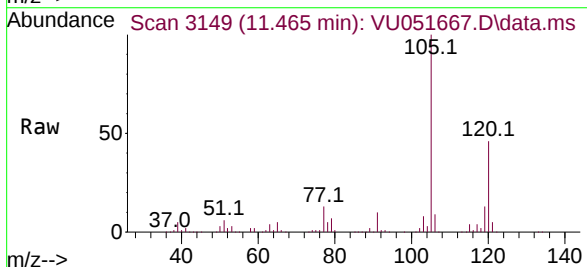
Instrument :
MSVOA_U
ClientSampleId :

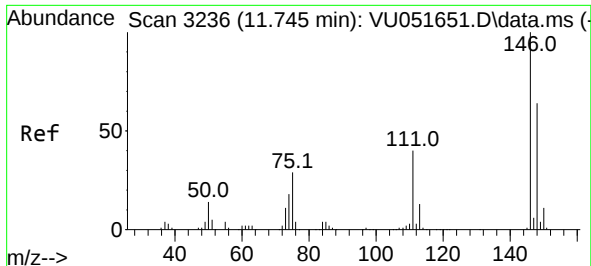
Tgt Ion:105 Resp: 111334
Ion Ratio Lower Upper
105 100
120 47.7 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 5.201 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion:105 Resp: 319196
Ion Ratio Lower Upper
105 100
120 45.3 35.8 53.6

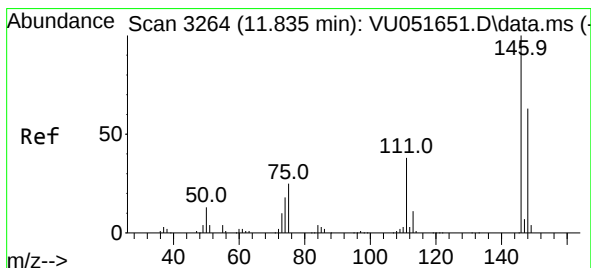
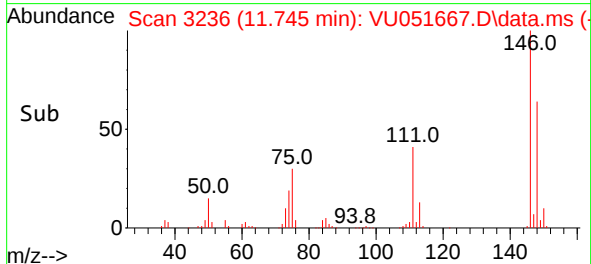
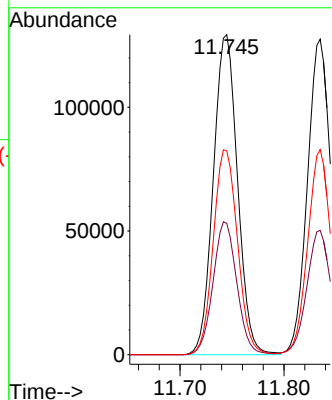
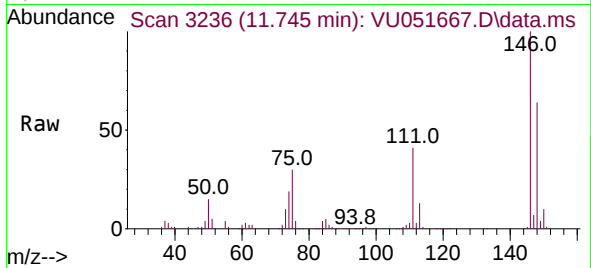




#64
1,3-Dichlorobenzene
Concen: 5.328 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

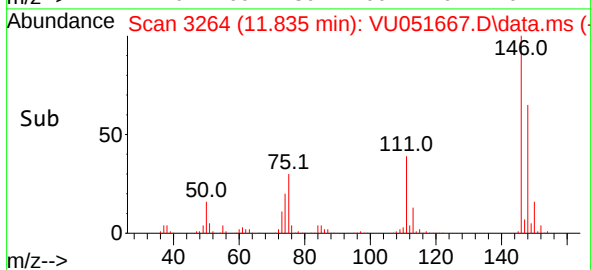
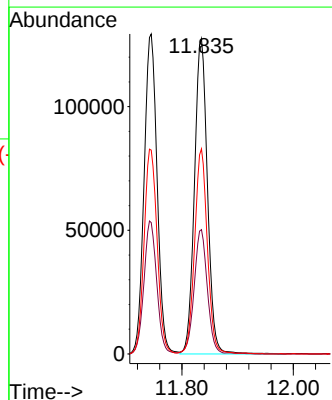
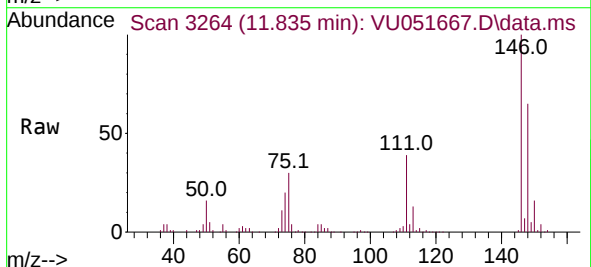
Instrument :
MSVOA_U
ClientSampleId :

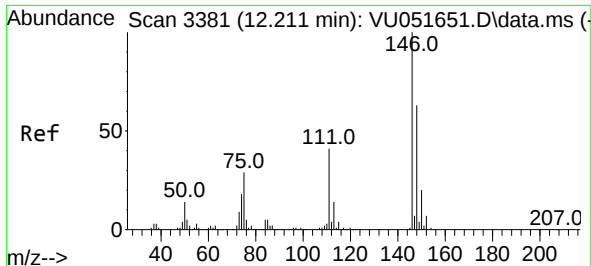
Tgt Ion:146 Resp: 209718
Ion Ratio Lower Upper
146 100
111 41.0 28.6 53.2
148 63.7 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.242 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion:146 Resp: 206899
Ion Ratio Lower Upper
146 100
111 39.4 26.7 49.5
148 65.0 43.5 80.9

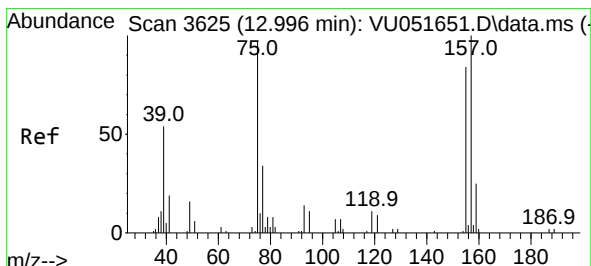
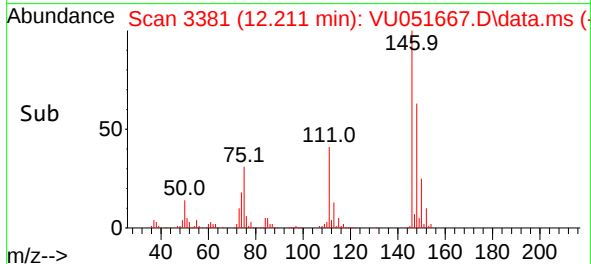
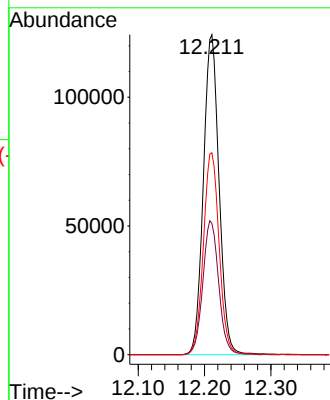
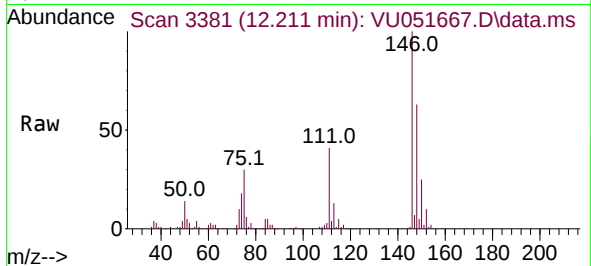




#67
1,2-Dichlorobenzene
Concen: 5.327 ug/L
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

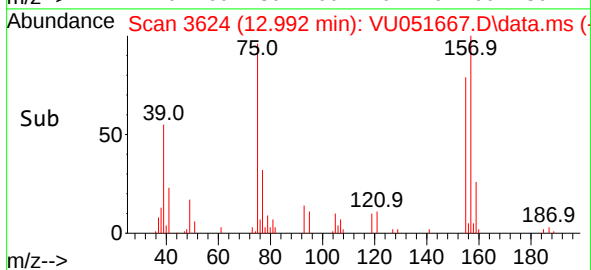
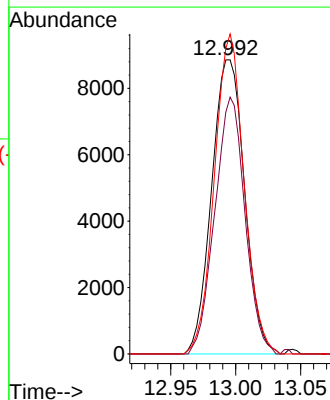
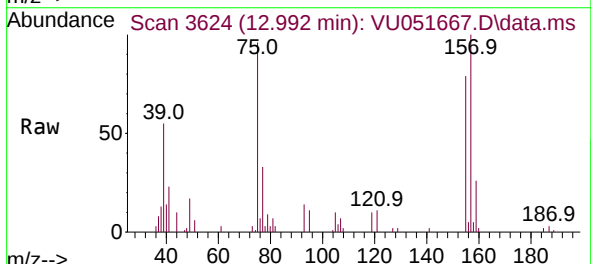
Instrument :
MSVOA_U
ClientSampleId :

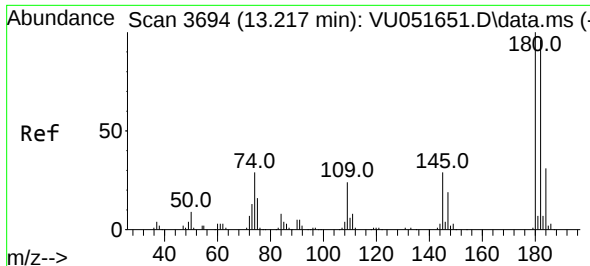
Tgt Ion:146 Resp: 204254
Ion Ratio Lower Upper
146 100
111 41.1 34.2 51.2
148 63.1 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.408 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion: 75 Resp: 15598
Ion Ratio Lower Upper
75 100
155 82.2 61.4 92.2
157 103.9 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 5.166 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 144947

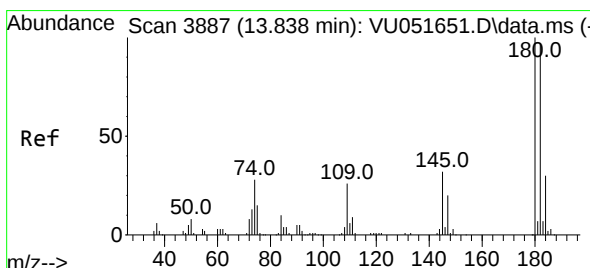
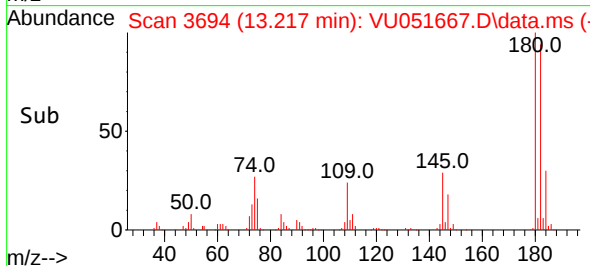
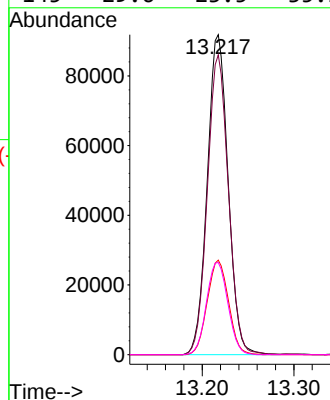
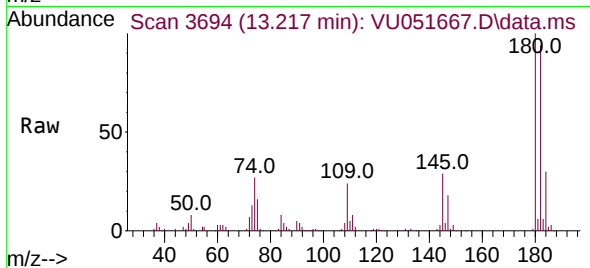
Ion Ratio Lower Upper

180 100

182 94.5 77.0 115.6

184 30.2 23.7 35.5

145 29.6 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.935 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051667.D

Acq: 01 Nov 2022 20:36

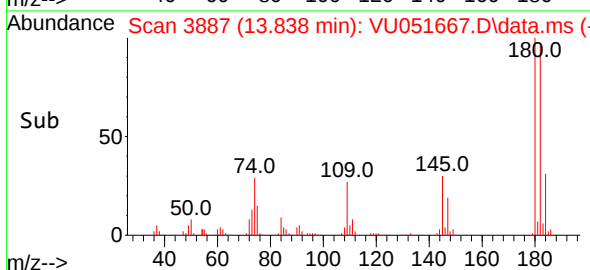
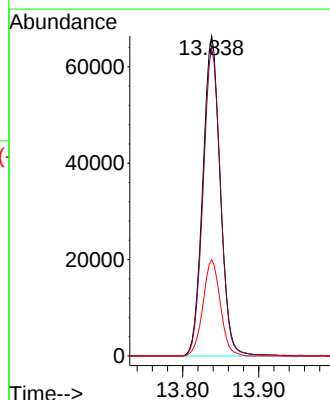
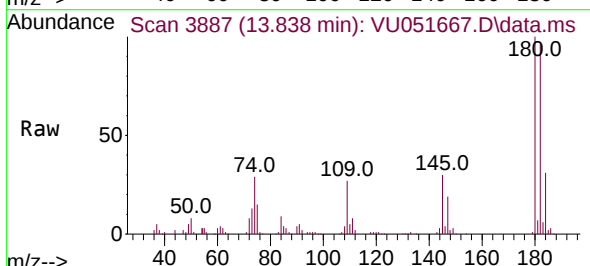
Tgt Ion:180 Resp: 106297

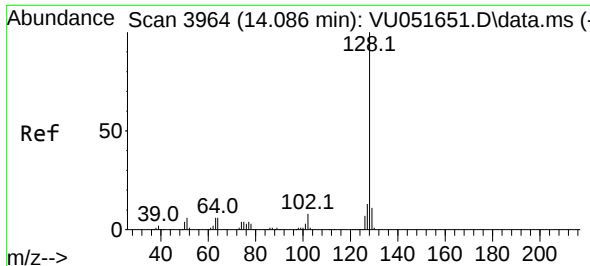
Ion Ratio Lower Upper

180 100

182 96.0 77.8 116.6

145 29.8 25.0 37.6

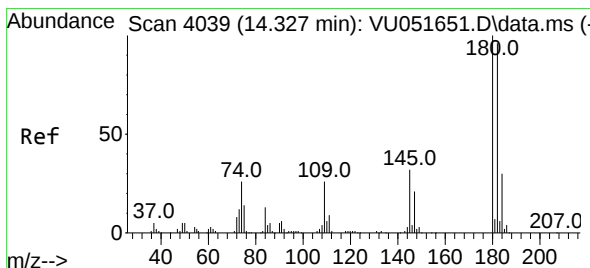
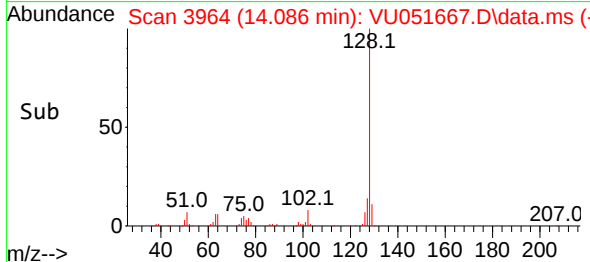
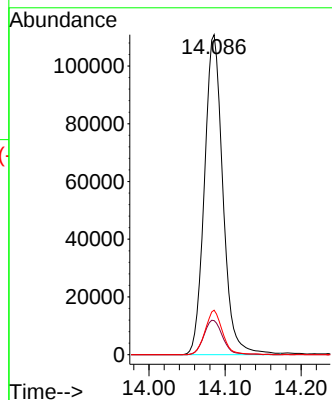
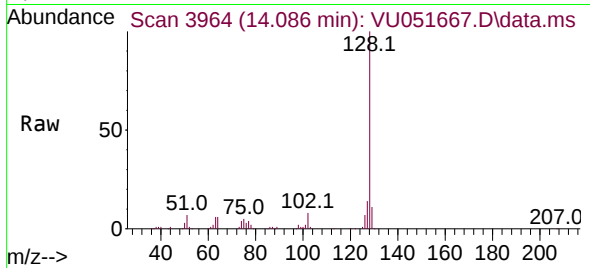




#71
Naphthalene
Concen: 4.651 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 186993
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.0 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.054 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051667.D
Acq: 01 Nov 2022 20:36

Tgt Ion:180 Resp: 109918
Ion Ratio Lower Upper
180 100
182 94.1 76.1 114.1
145 32.0 25.6 38.4

