

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051141.D
 Acq On : 05 Oct 2022 20:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 06 03:07:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 02:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	399286	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	410306	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	209156	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	152643	37.722	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.440%
7) Chloroethane-d5	1.893	69	143843	38.267	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.540%
11) 1,1-Dichloroethene-d2	2.562	63	269470	45.081	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.160%
21) 2-Butanone-d5	4.620	46	258729	98.581	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.580%
24) Chloroform-d	5.060	84	326899	50.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.280%
26) 1,2-Dichloroethane-d4	5.700	65	207717	51.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.940%
32) Benzene-d6	5.726	84	648720	53.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.980%
36) 1,2-Dichloropropane-d6	6.687	67	216219	55.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.920%
41) Toluene-d8	7.896	98	582469	52.469	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.940%
43) trans-1,3-Dichloroprop...	8.176	79	88218	47.438	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.880%
47) 2-Hexanone-d5	8.632	63	139510	88.617	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.620%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	354672	52.050	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.100%
66) 1,2-Dichlorobenzene-d4	12.192	152	210540	47.120	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	166745	49.801	ug/L	99
3) Chloromethane	1.523	50	219356	55.450	ug/L	99
5) Vinyl chloride	1.601	62	224964	53.584	ug/L	98
6) Bromomethane	1.832	94	147257	42.344	ug/L	98
8) Chloroethane	1.919	64	141571	45.922	ug/L	98
9) Trichlorofluoromethane	2.128	101	252383	44.708	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	153903	50.489	ug/L	99
12) 1,1-Dichloroethene	2.572	96	145952	51.258	ug/L	96
13) Acetone	2.623	43	191258	91.258	ug/L	99
14) Carbon disulfide	2.787	76	421839	50.118	ug/L	100
15) Methyl Acetate	2.945	43	208343	54.451	ug/L	96
16) Methylene chloride	3.041	84	204888	50.125	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	154403	50.971	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	481845	52.342	ug/L	98
19) 1,1-Dichloroethane	3.867	63	326344	56.715	ug/L	98
20) cis-1,2-Dichloroethene	4.662	96	180953	53.500	ug/L	97
22) 2-Butanone	4.700	43	295655	102.104	ug/L	97
23) Bromochloromethane	4.970	128	99855	53.882	ug/L	92
25) Chloroform	5.086	83	340370	54.382	ug/L	99

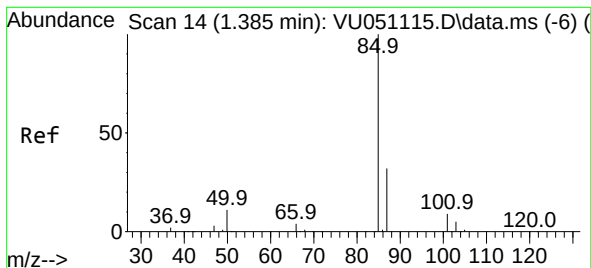
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
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 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 02:55:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	259179	54.058	ug/L	98
29) Cyclohexane	5.385	56	221471	55.435	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	255917	53.183	ug/L	99
31) Carbon tetrachloride	5.520	117	205734	52.401	ug/L	99
33) Benzene	5.771	78	756390	60.468	ug/L	100
34) Trichloroethene	6.539	95	166532	51.400	ug/L	97
35) Methylcyclohexane	6.761	83	220733	50.056	ug/L	94
37) 1,2-Dichloropropane	6.787	63	206776	61.385	ug/L	100
38) Bromodichloromethane	7.105	83	248842	55.354	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	256496	53.766	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	570854	117.019	ug/L	97
42) Toluene	7.967	91	783291	58.871	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	248488	51.515	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	200936	55.070	ug/L	99
46) Tetrachloroethene	8.552	164	120516	49.084	ug/L	98
48) 2-Hexanone	8.681	43	489745	110.529	ug/L	97
49) Dibromochloromethane	8.809	129	195424	50.942	ug/L	100
50) 1,2-Dibromoethane	8.922	107	201185	50.856	ug/L	98
51) Chlorobenzene	9.446	112	463092	51.180	ug/L	99
52) Ethylbenzene	9.568	91	731692	51.556	ug/L	100
53) m,p-Xylene	9.690	106	288145	53.990	ug/L	98
54) o-Xylene	10.099	106	287660	53.925	ug/L	98
55) Styrene	10.111	104	520803	56.487	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	371464	57.524	ug/L	99
59) Bromoform	10.288	173	144574	46.979	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	284332	51.658	ug/L	98
61) Isopropylbenzene	10.481	105	684288	50.363	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	569170	51.229	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	574344	51.579	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	333900	47.670	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	332033	47.421	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	350824	48.749	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	69666	43.373	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	209463	44.099	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	153332	39.455	ug/L	99
71) Naphthalene	14.086	128	520592	37.426	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	180807	41.693	ug/L	99

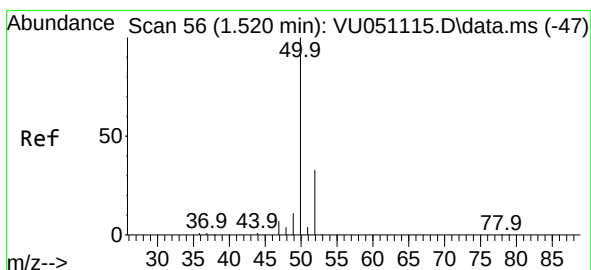
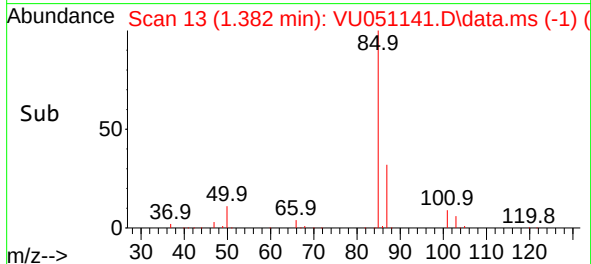
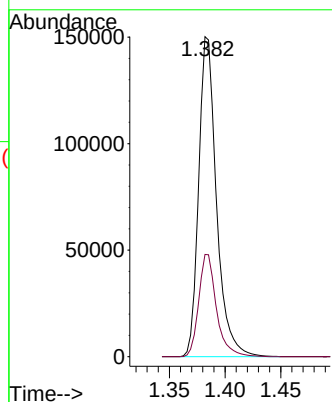
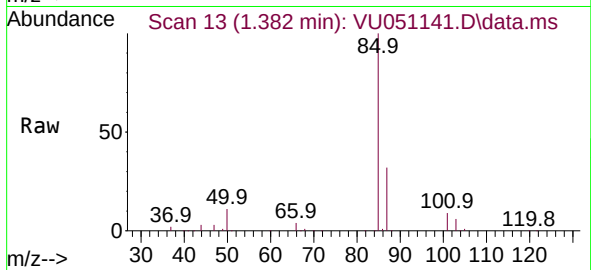
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 49.801 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

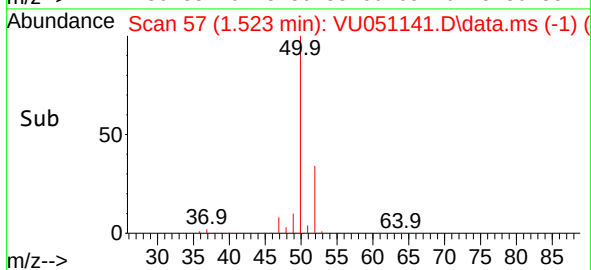
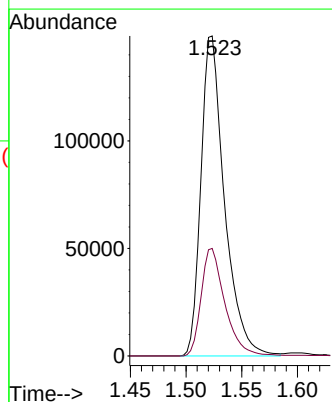
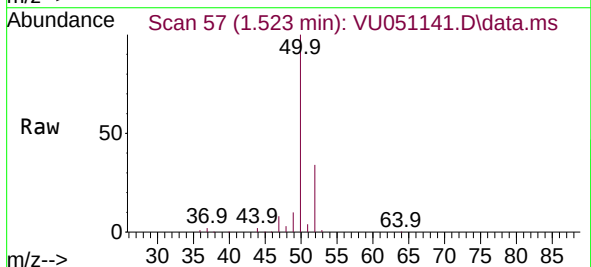
Instrument :
MSVOA_U
ClientSampleId :

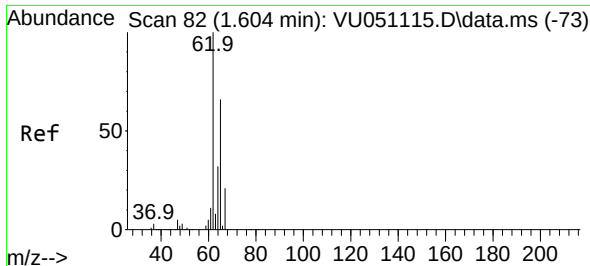
Tgt Ion: 85 Resp: 166745
Ion Ratio Lower Upper
85 100
87 31.8 25.9 38.9



#3
Chloromethane
Concen: 55.450 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion: 50 Resp: 219356
Ion Ratio Lower Upper
50 100
52 33.6 23.7 44.1

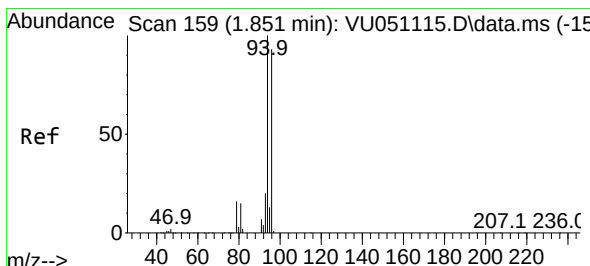
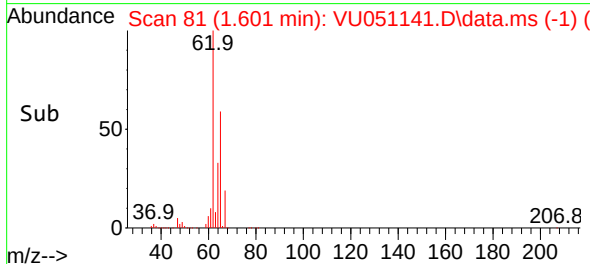
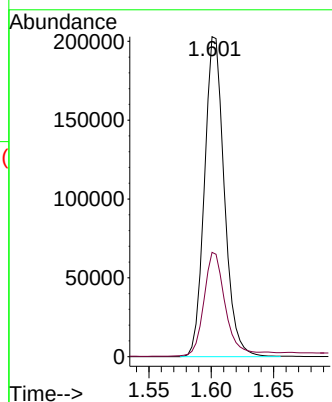
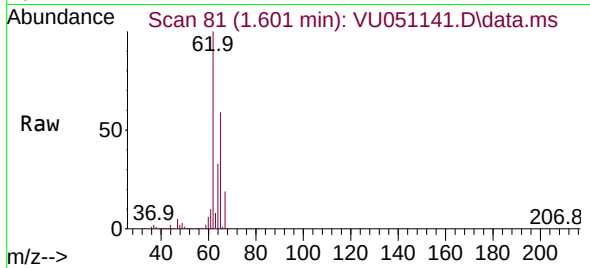




#5
 Vinyl chloride
 Concen: 53.584 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051141.D
 Acq: 05 Oct 2022 20:44

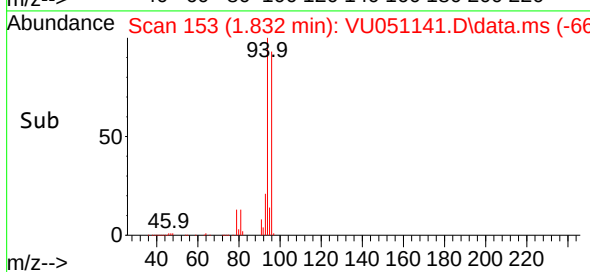
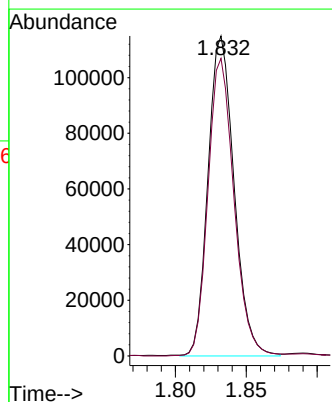
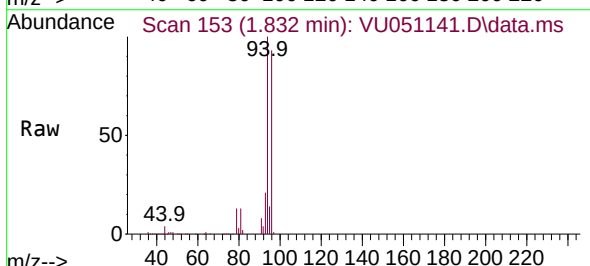
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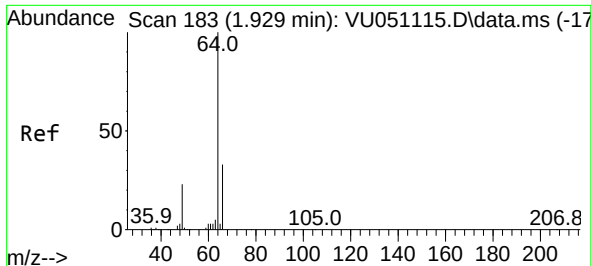
Tgt Ion: 62 Resp: 224964
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.5 43.7



#6
 Bromomethane
 Concen: 42.344 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. -0.019 min
 Lab File: VU051141.D
 Acq: 05 Oct 2022 20:44

Tgt Ion: 94 Resp: 147257
 Ion Ratio Lower Upper
 94 100
 96 93.0 63.9 118.7

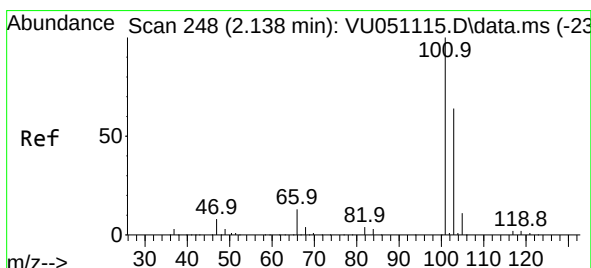
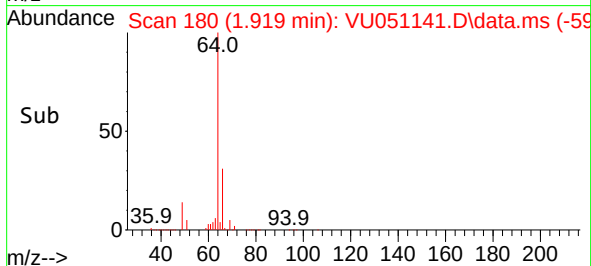
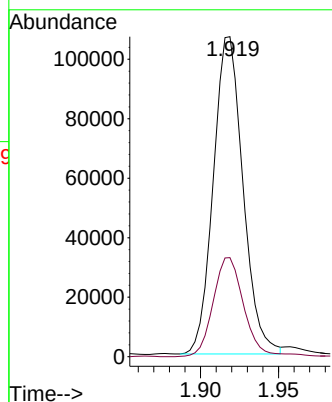
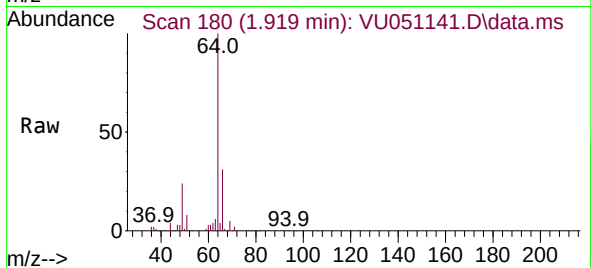




#8
Chloroethane
Concen: 45.922 ug/L
RT: 1.919 min Scan# 183
Delta R.T. -0.010 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

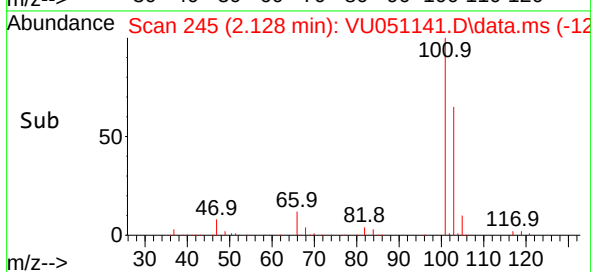
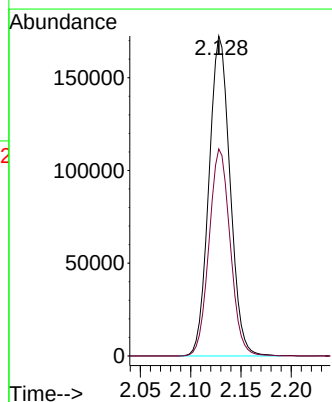
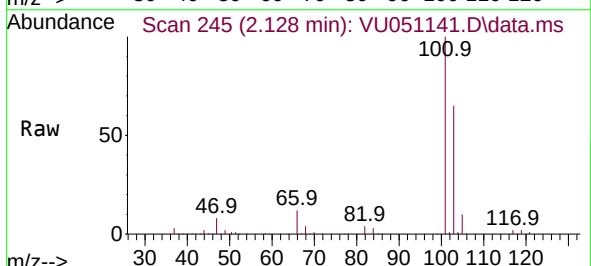
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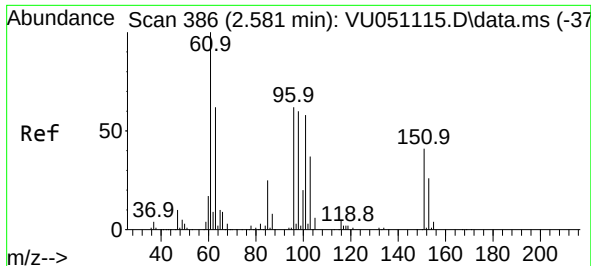
Tgt Ion: 64 Resp: 141571
Ion Ratio Lower Upper
64 100
66 30.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 44.708 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.010 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion: 101 Resp: 252383
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

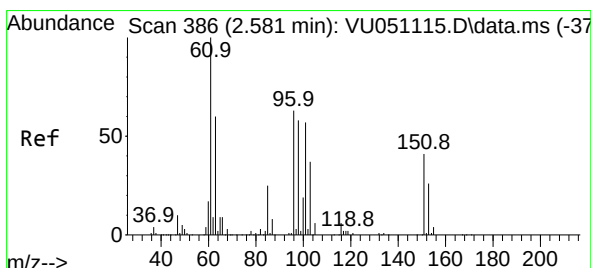
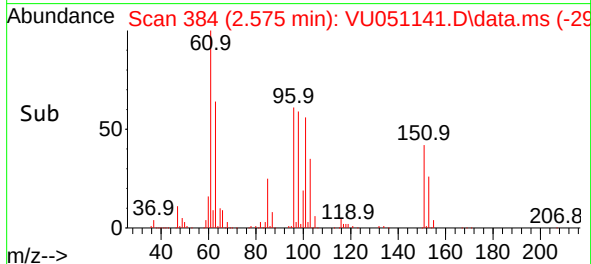
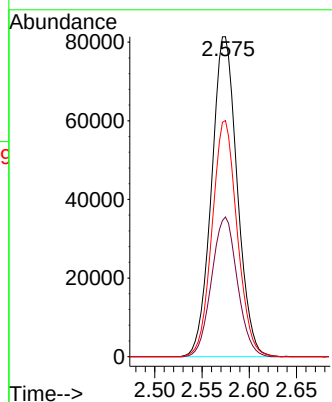
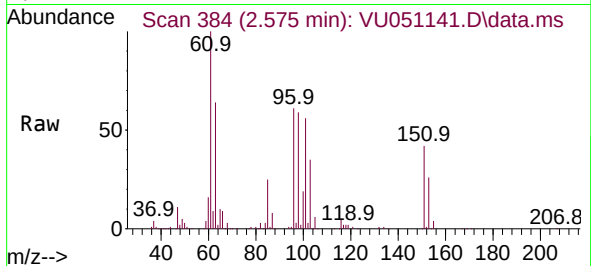




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.489 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU051141.D
 Acq: 05 Oct 2022 20:44

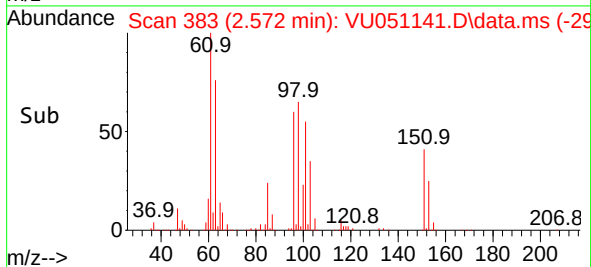
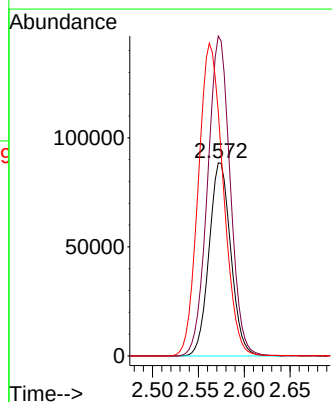
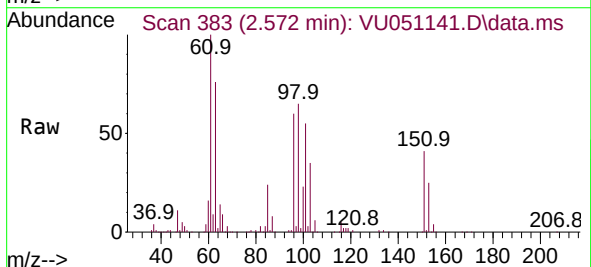
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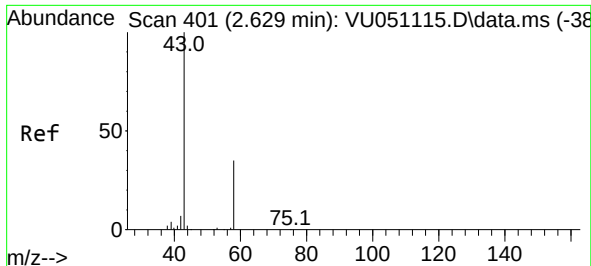
Tgt Ion:101 Resp: 153903
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.6 52.0
 151 72.0 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 51.258 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU051141.D
 Acq: 05 Oct 2022 20:44

Tgt Ion: 96 Resp: 145952
 Ion Ratio Lower Upper
 96 100
 61 165.7 113.0 209.9
 63 126.4 91.7 170.3





#13

Acetone

Concen: 91.258 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Instrument :

MSVOA_U

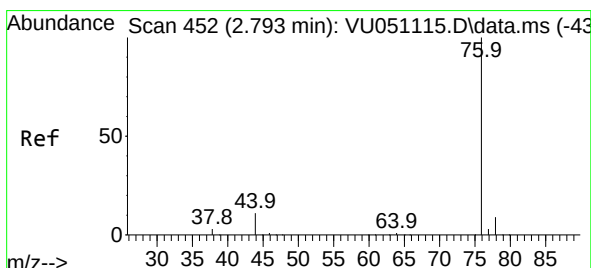
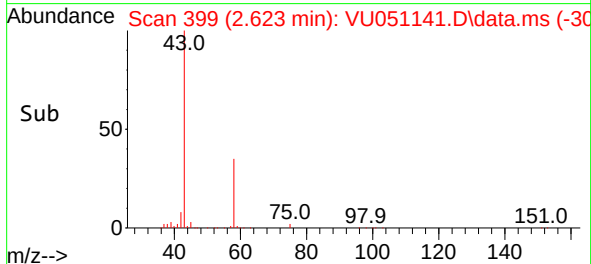
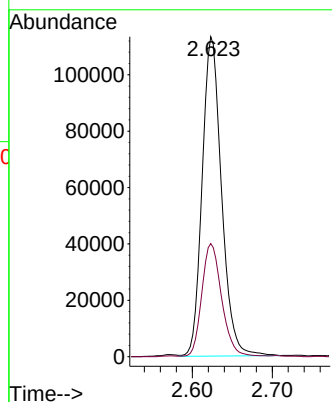
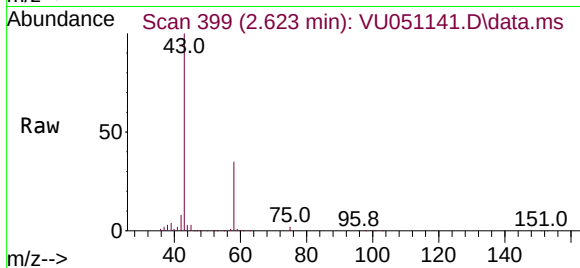
ClientSampleId :

Tgt Ion: 43 Resp: 191258

Ion Ratio Lower Upper

43 100

58 36.2 0.0 73.6



#14

Carbon disulfide

Concen: 50.118 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.006 min

Lab File: VU051141.D

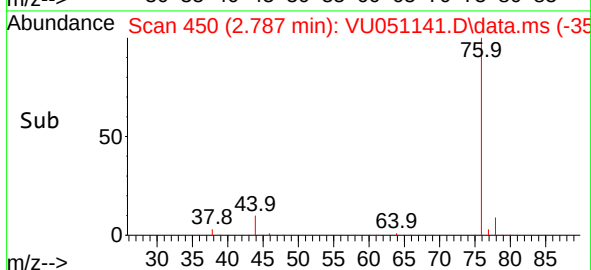
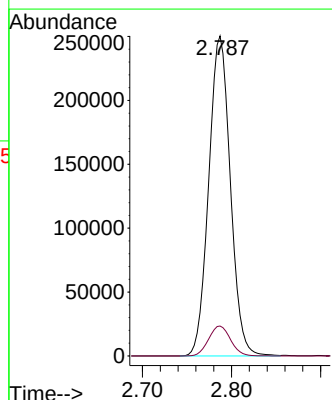
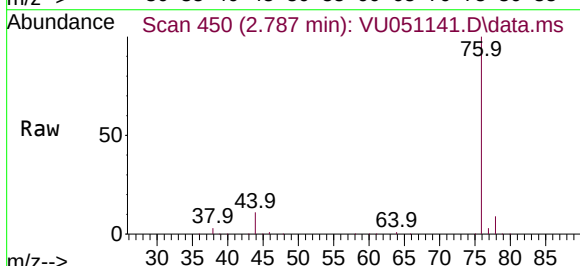
Acq: 05 Oct 2022 20:44

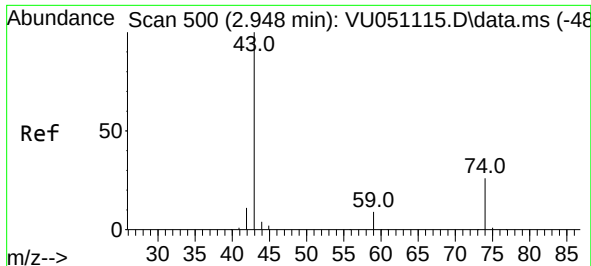
Tgt Ion: 76 Resp: 421839

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

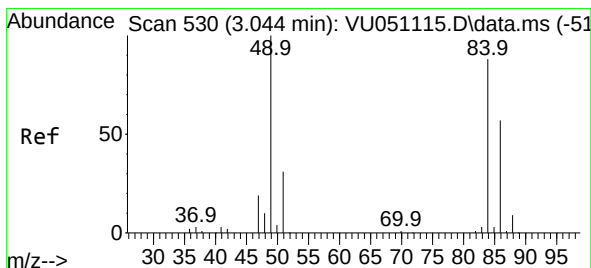
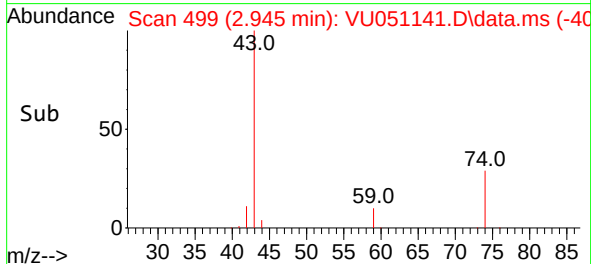
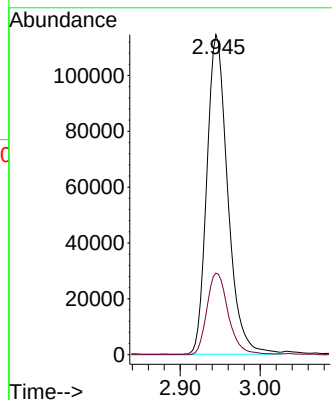
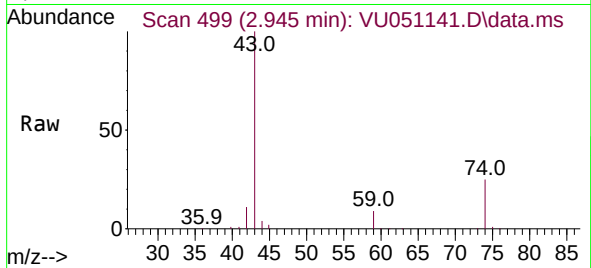




#15
Methyl Acetate
Concen: 54.451 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

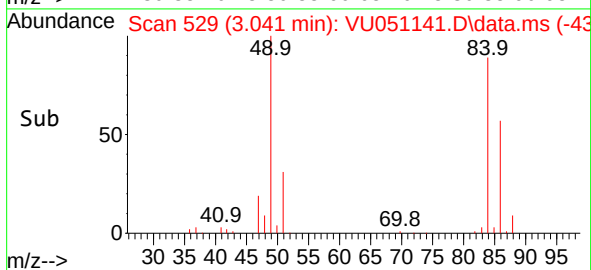
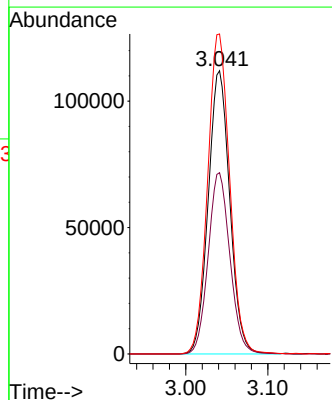
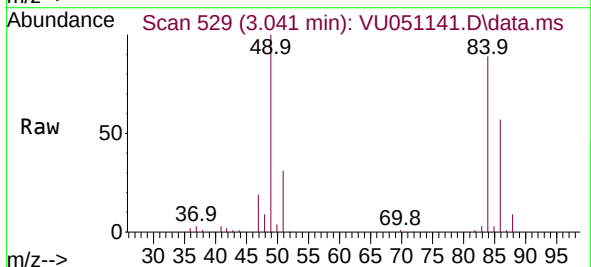
Instrument :
MSVOA_U
ClientSampleId :

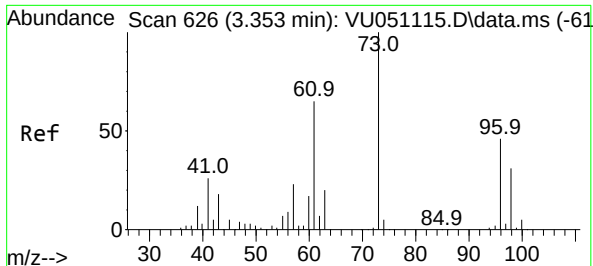
Tgt Ion: 43 Resp: 208343
Ion Ratio Lower Upper
43 100
74 26.1 22.4 33.6



#16
Methylene chloride
Concen: 50.125 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion: 84 Resp: 204888
Ion Ratio Lower Upper
84 100
86 64.0 45.4 84.4
49 113.0 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 50.971 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

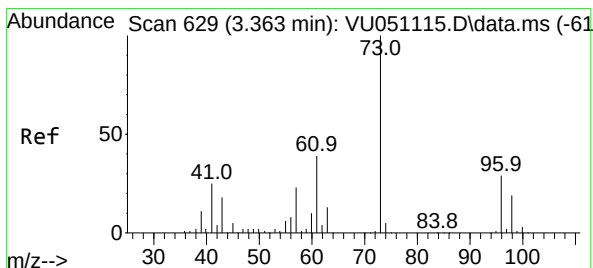
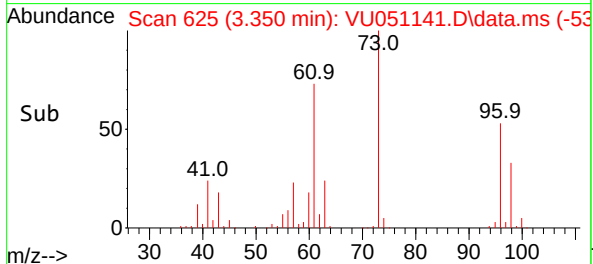
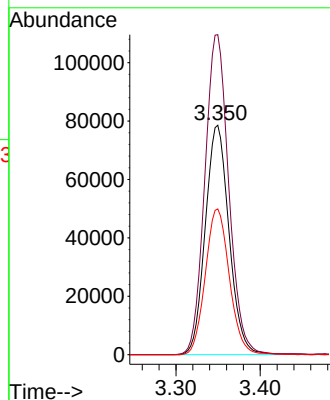
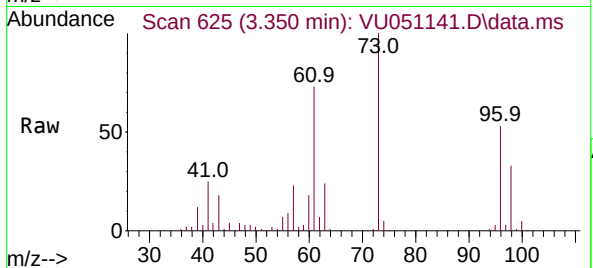
Tgt Ion: 96 Resp: 154403

Ion Ratio Lower Upper

96 100

61 139.5 95.1 176.5

98 63.6 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 52.342 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

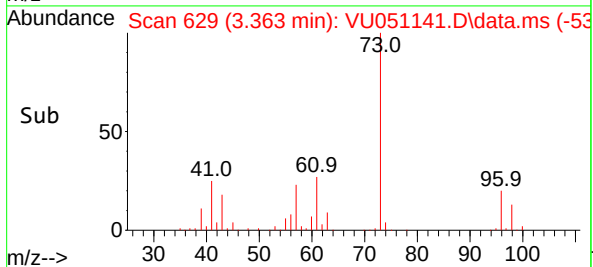
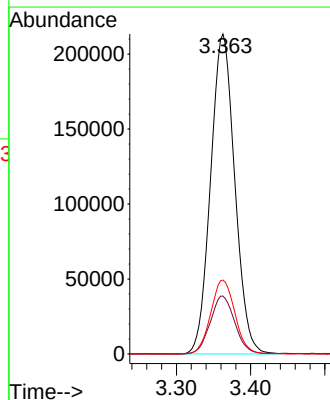
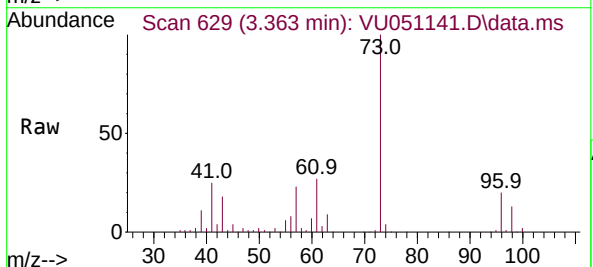
Tgt Ion: 73 Resp: 481845

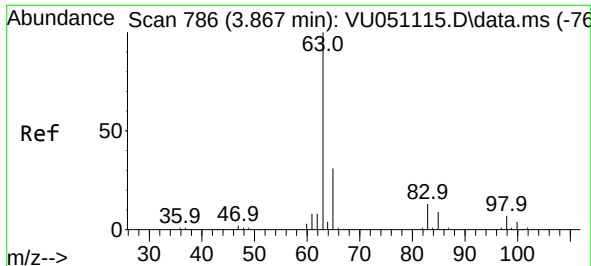
Ion Ratio Lower Upper

73 100

43 18.2 14.7 22.1

57 23.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 56.715 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

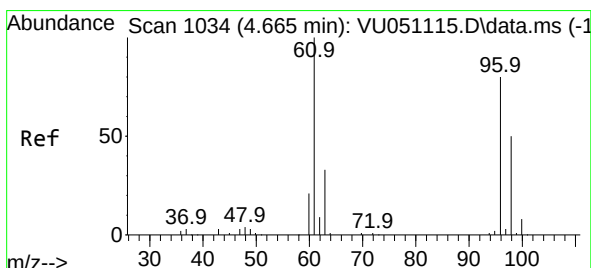
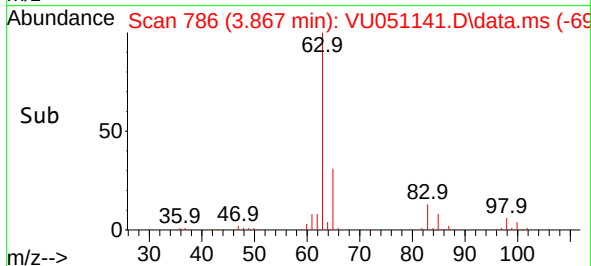
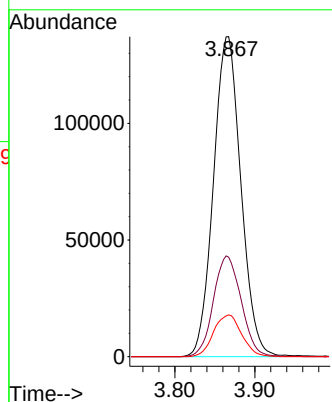
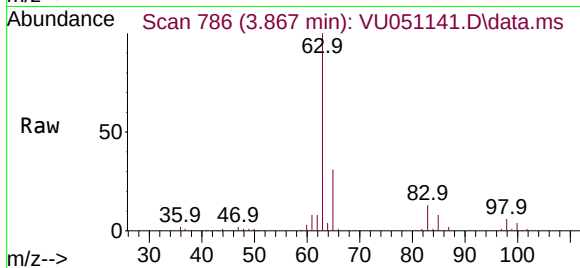
Tgt Ion: 63 Resp: 326344

Ion Ratio Lower Upper

63 100

65 31.1 22.6 42.0

83 13.1 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 53.500 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

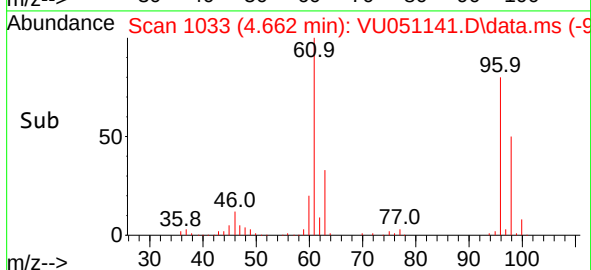
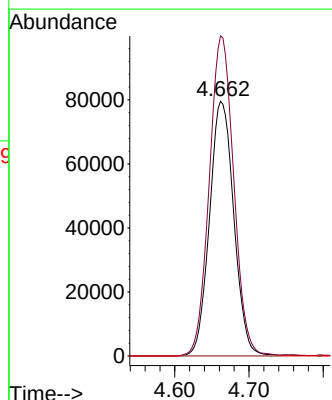
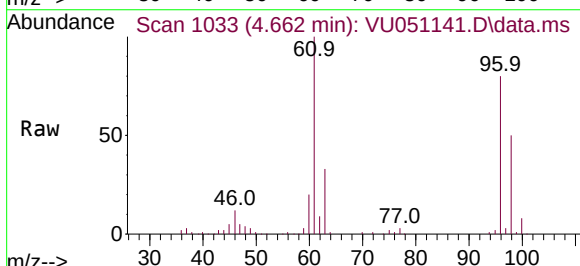
Tgt Ion: 96 Resp: 180953

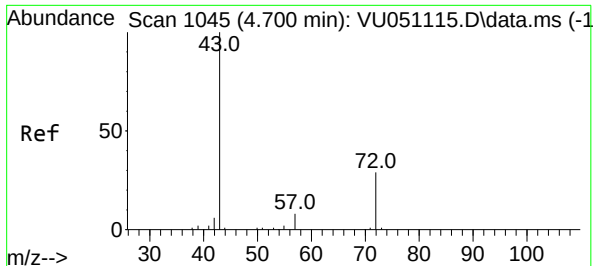
Ion Ratio Lower Upper

96 100

61 125.6 85.4 158.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 102.104 ug/L

RT: 4.700 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Instrument :

MSVOA_U

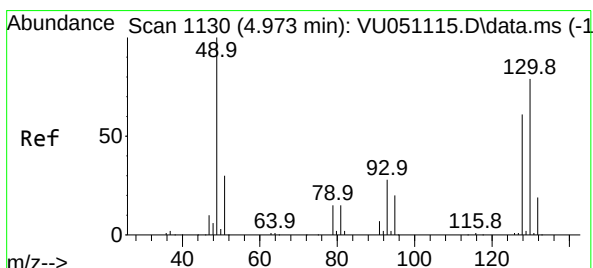
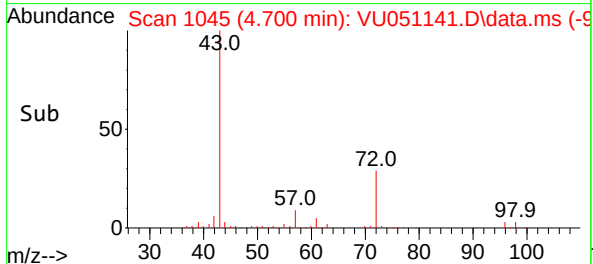
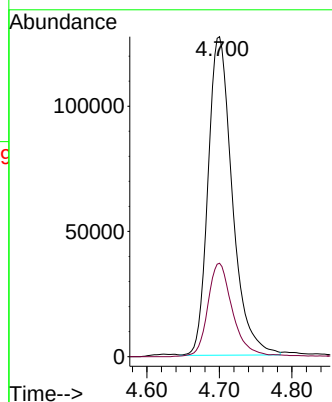
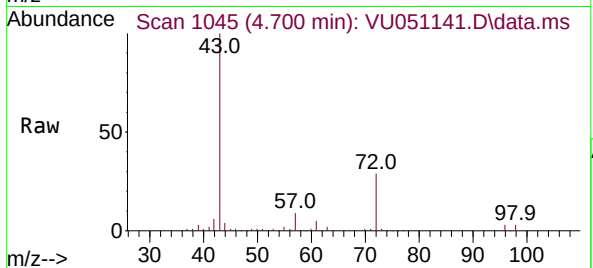
ClientSampleId :

Tgt Ion: 43 Resp: 295655

Ion Ratio Lower Upper

43 100

72 29.8 15.8 47.4



#23

Bromochloromethane

Concen: 53.882 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Tgt Ion:128 Resp: 99855

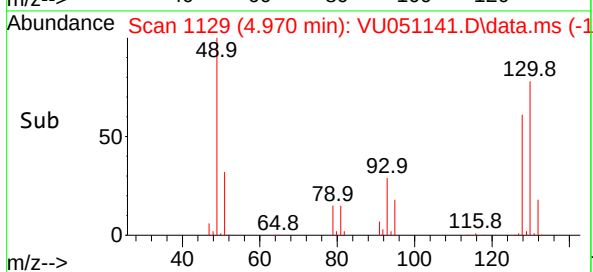
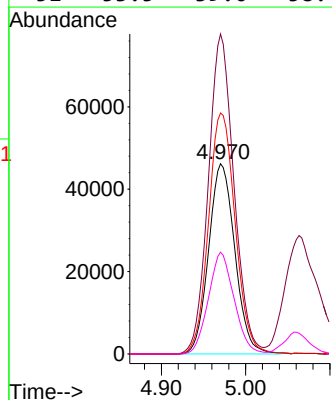
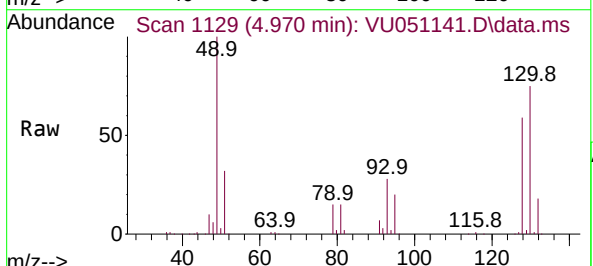
Ion Ratio Lower Upper

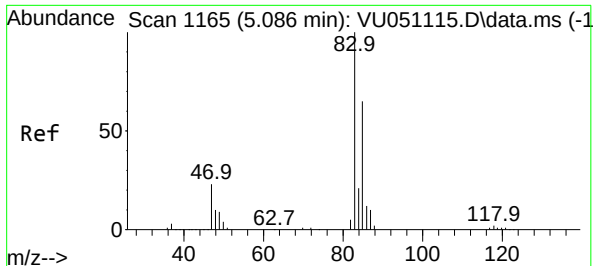
128 100

49 168.3 106.9 198.5

130 126.7 86.2 160.0

51 53.5 39.0 58.4





#25

Chloroform

Concen: 54.382 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Instrument :

MSVOA_U

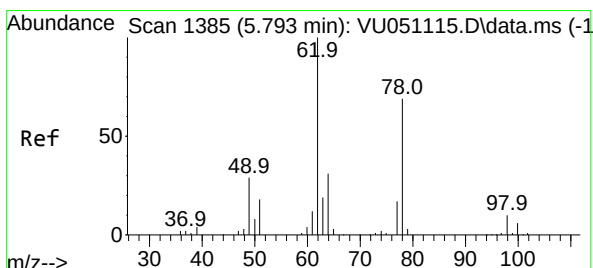
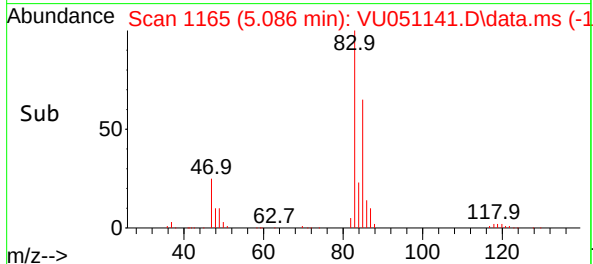
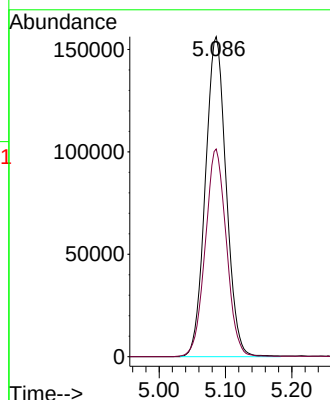
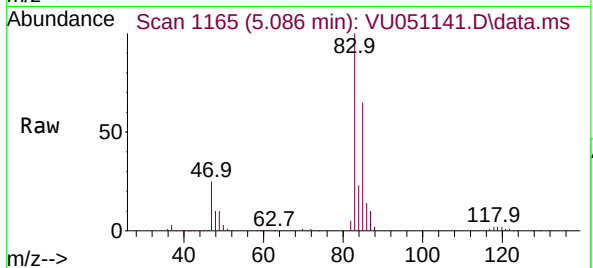
ClientSampleId :

Tgt Ion: 83 Resp: 340370

Ion Ratio Lower Upper

83 100

85 64.9 45.7 84.9



#27

1,2-Dichloroethane

Concen: 54.058 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051141.D

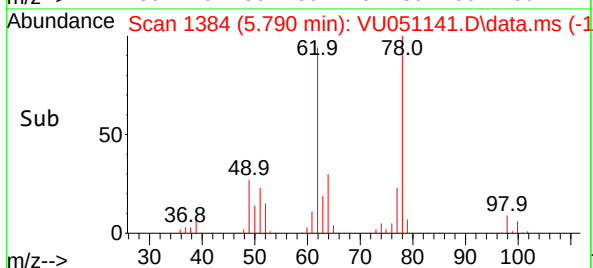
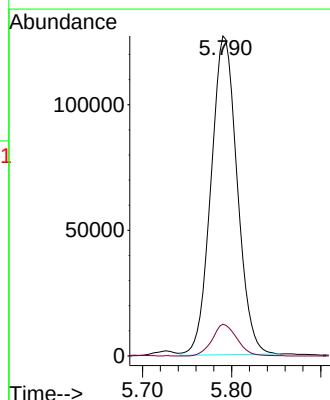
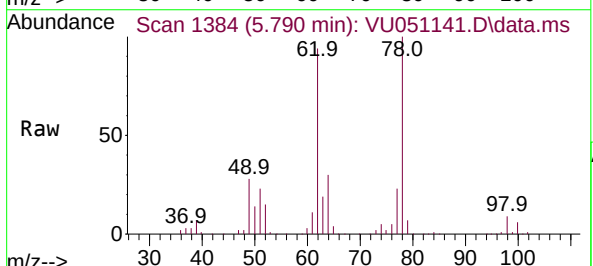
Acq: 05 Oct 2022 20:44

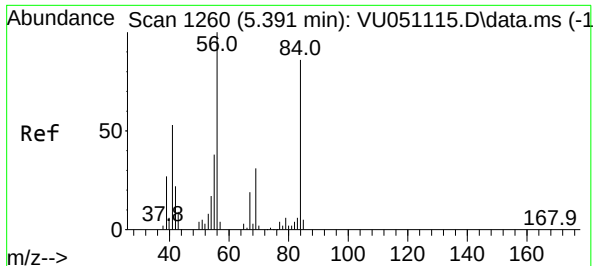
Tgt Ion: 62 Resp: 259179

Ion Ratio Lower Upper

62 100

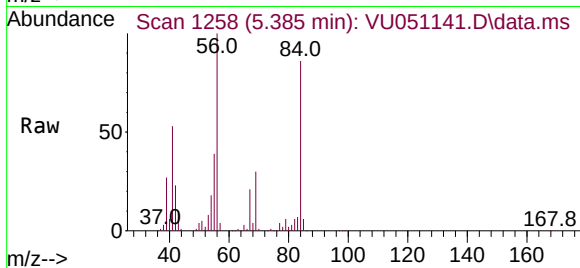
98 9.9 7.3 10.9



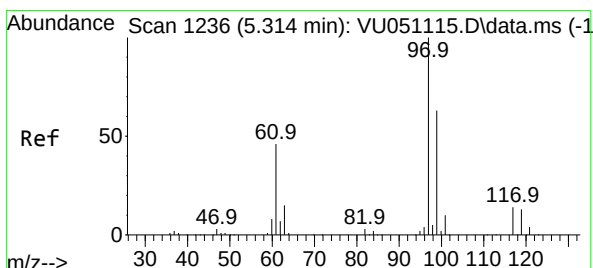
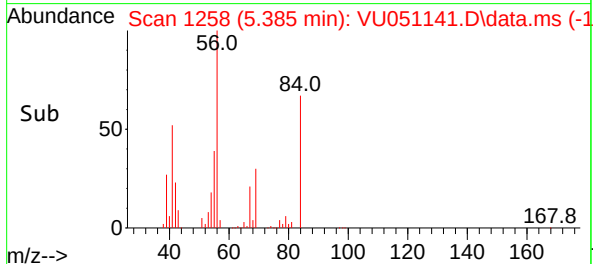
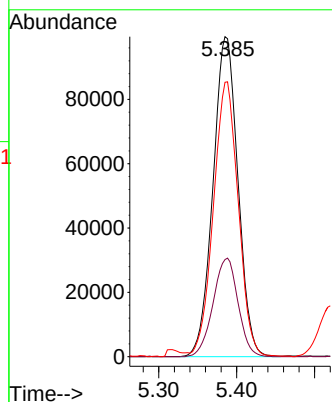


#29
Cyclohexane
Concen: 55.435 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Instrument :
MSVOA_U
ClientSampleId :

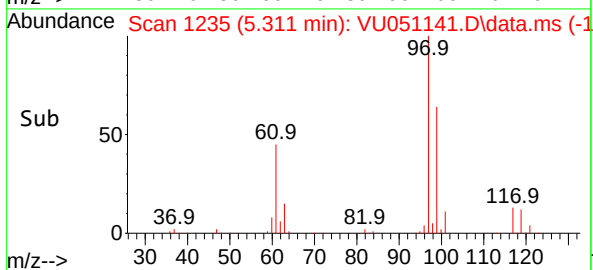
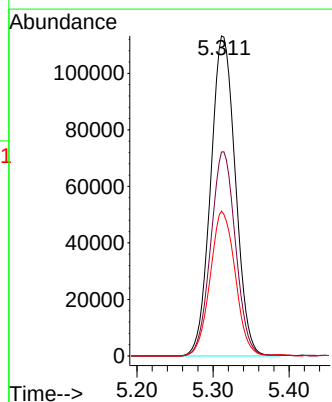
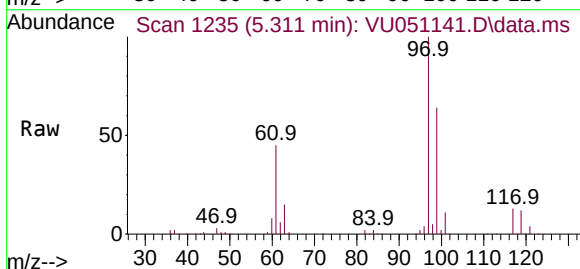


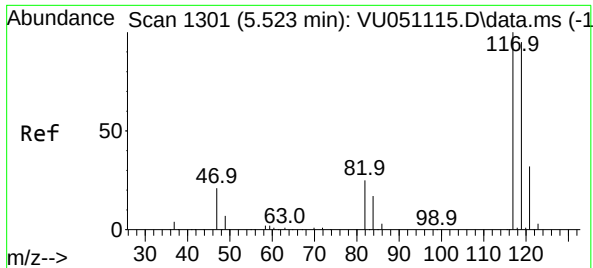
Tgt Ion: 56 Resp: 221471
Ion Ratio Lower Upper
56 100
69 30.8 24.8 37.2
84 85.6 71.8 107.6



#30
1,1,1-Trichloroethane
Concen: 53.183 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion: 97 Resp: 255917
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 45.9 36.0 54.0

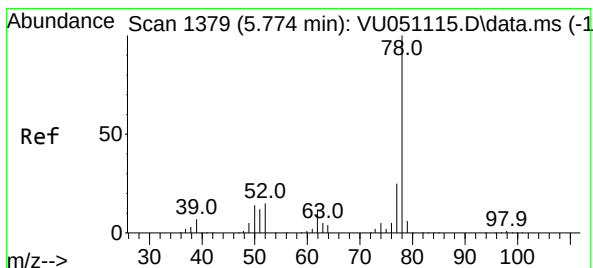
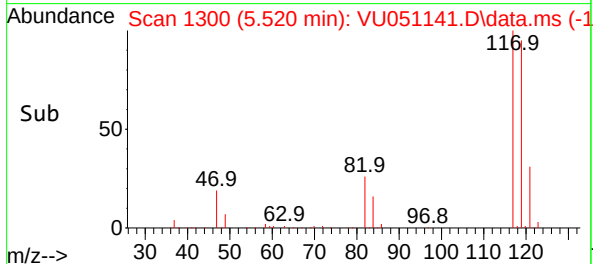
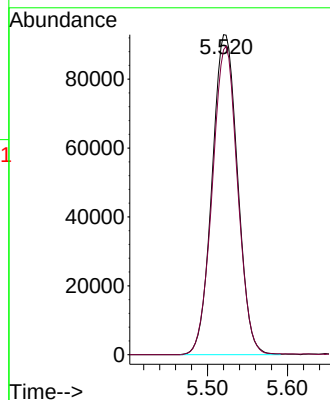
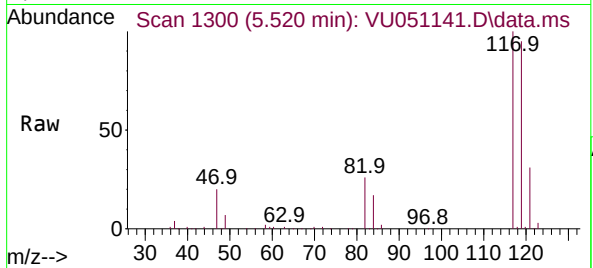




#31
Carbon tetrachloride
Concen: 52.401 ug/L
RT: 5.520 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

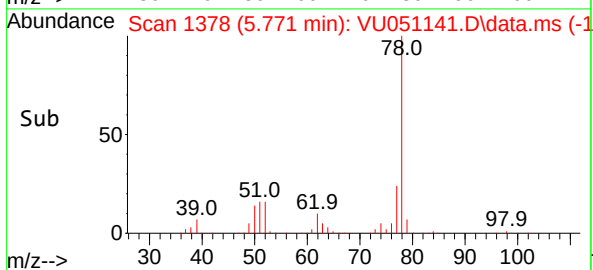
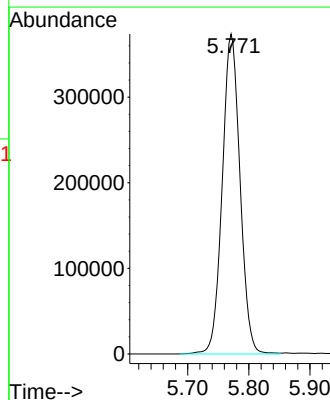
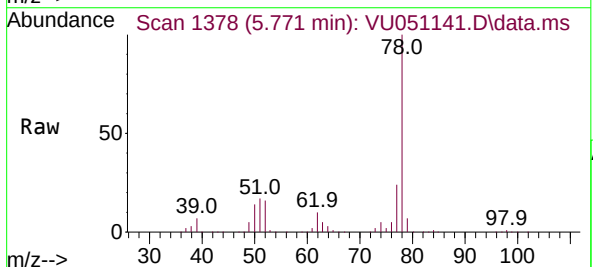
Instrument :
MSVOA_U
ClientSampleId :

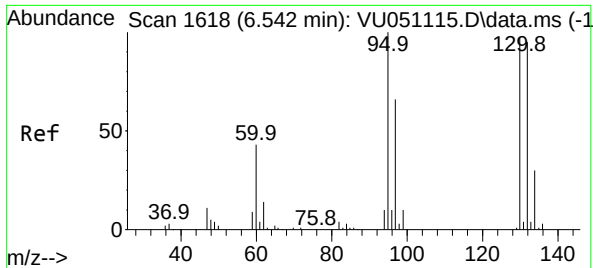
Tgt Ion:117 Resp: 205734
Ion Ratio Lower Upper
117 100
119 95.6 75.7 113.5



#33
Benzene
Concen: 60.468 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion: 78 Resp: 756390

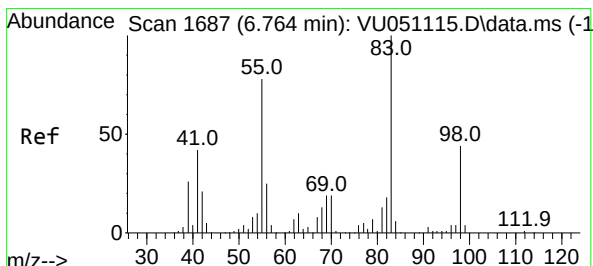
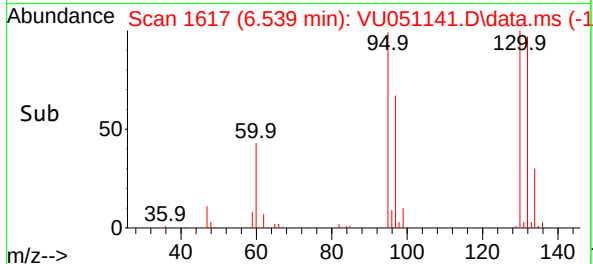
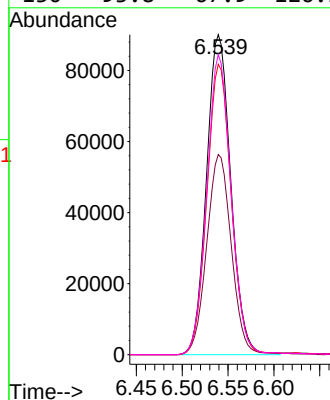
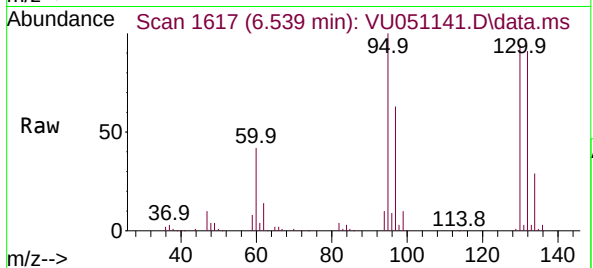




#34
Trichloroethene
Concen: 51.400 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

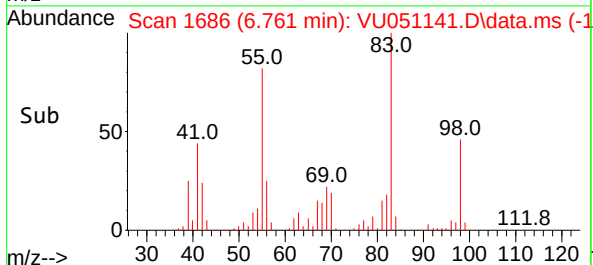
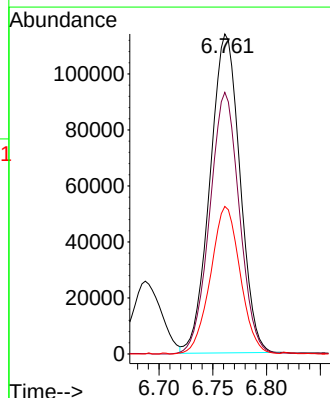
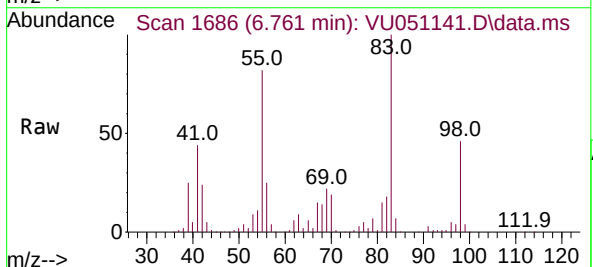
Instrument :
MSVOA_U
ClientSampleId :

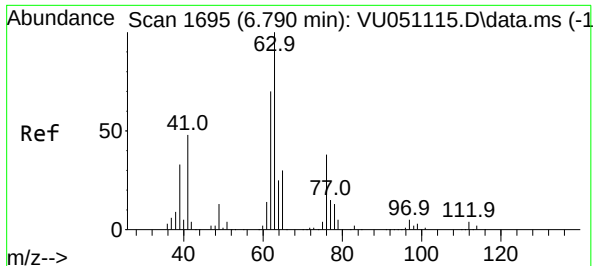
Tgt Ion: 95 Resp: 166532
Ion Ratio Lower Upper
95 100
97 62.5 45.9 85.3
132 90.7 64.0 119.0
130 93.8 67.9 126.1



#35
Methylcyclohexane
Concen: 50.056 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion: 83 Resp: 220733
Ion Ratio Lower Upper
83 100
55 81.2 59.3 88.9
98 45.8 36.0 54.0





#37

1,2-Dichloropropane

Concen: 61.385 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Instrument :

MSVOA_U

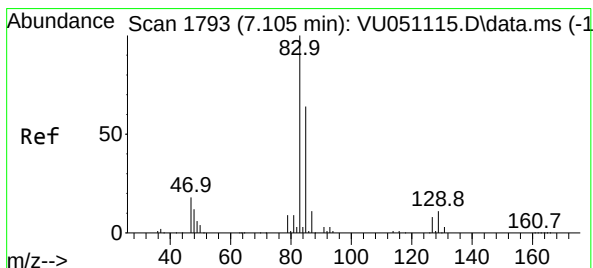
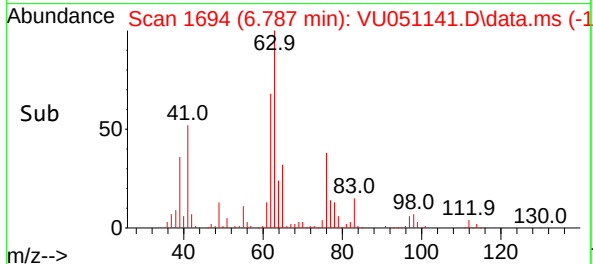
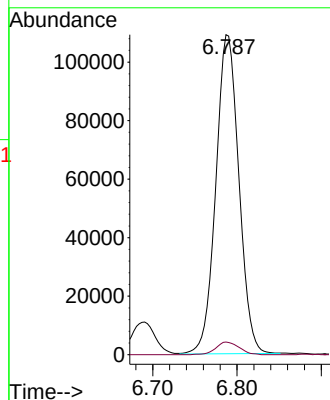
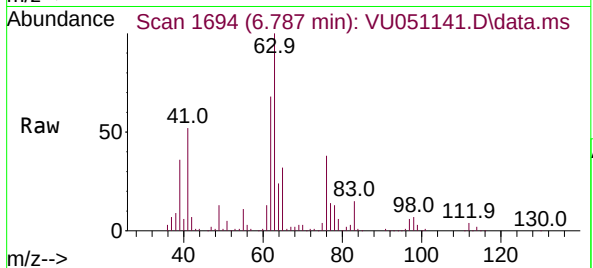
ClientSampleId :

Tgt Ion: 63 Resp: 206776

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 55.354 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

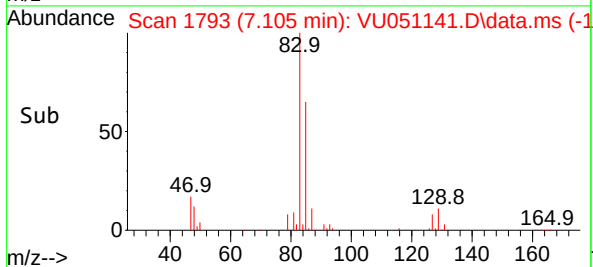
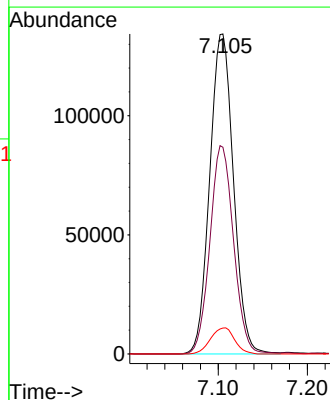
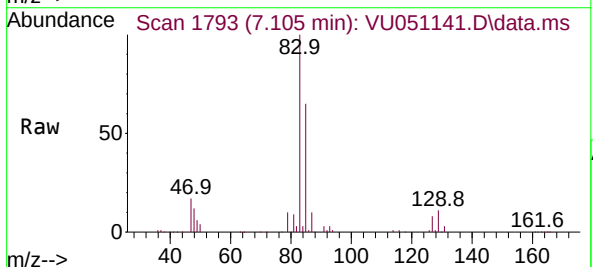
Tgt Ion: 83 Resp: 248842

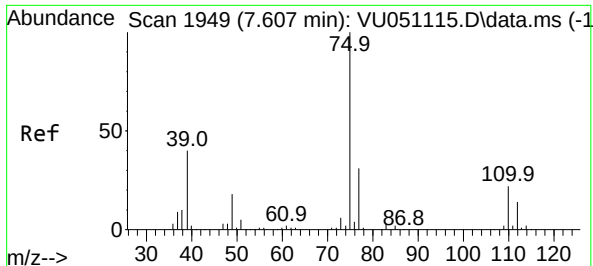
Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7

127 8.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 53.766 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Instrument :

MSVOA_U

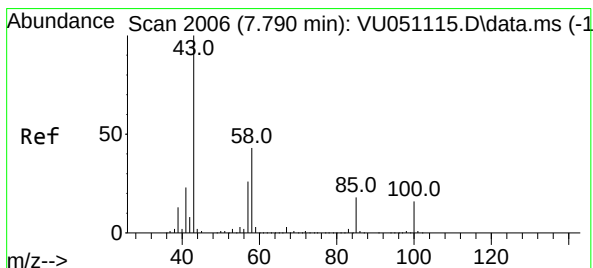
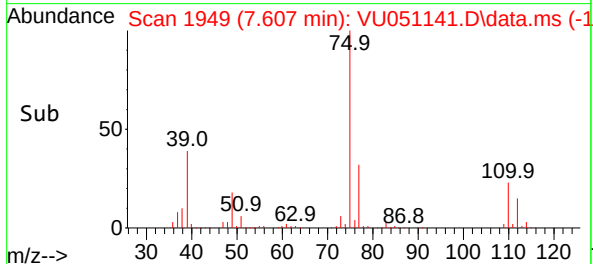
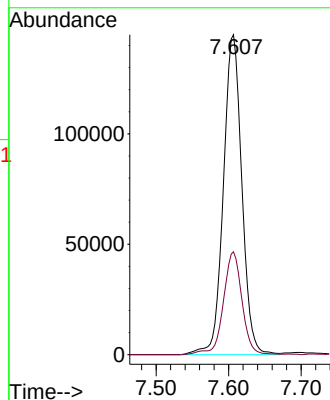
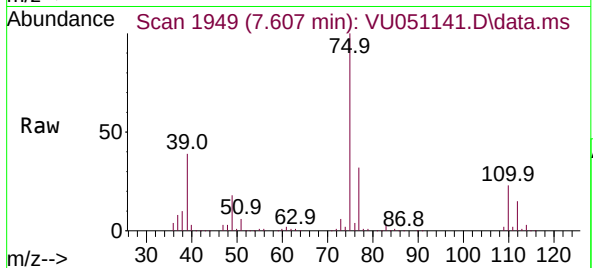
ClientSampleId :

Tgt Ion: 75 Resp: 256496

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 117.019 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

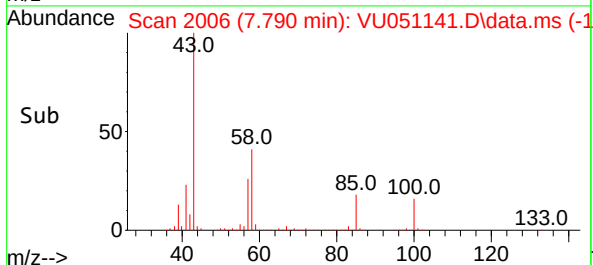
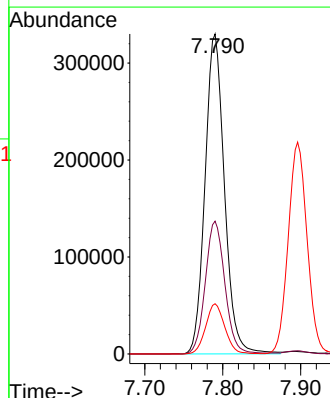
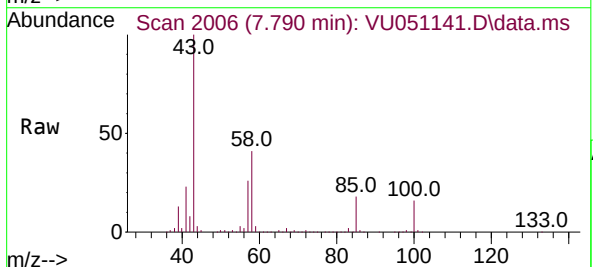
Tgt Ion: 43 Resp: 570854

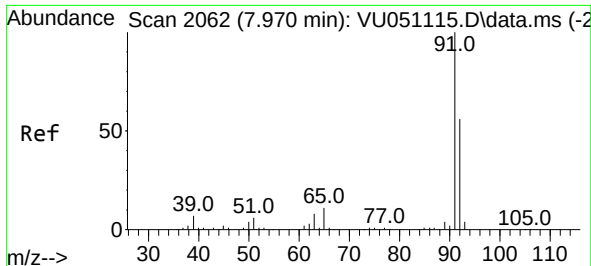
Ion Ratio Lower Upper

43 100

58 41.9 35.0 52.4

100 15.5 13.3 19.9





#42

Toluene

Concen: 58.871 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Instrument :

MSVOA_U

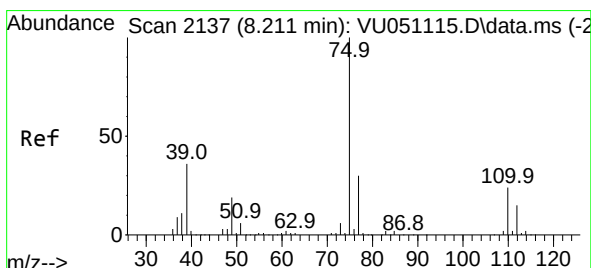
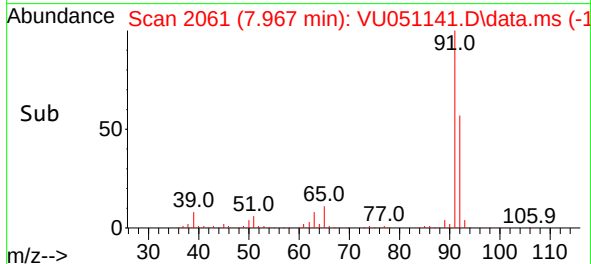
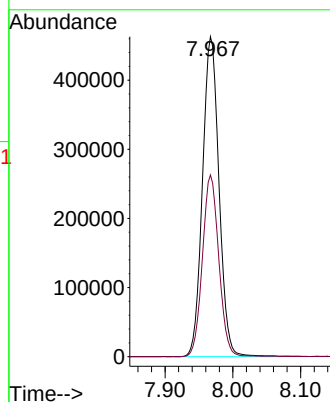
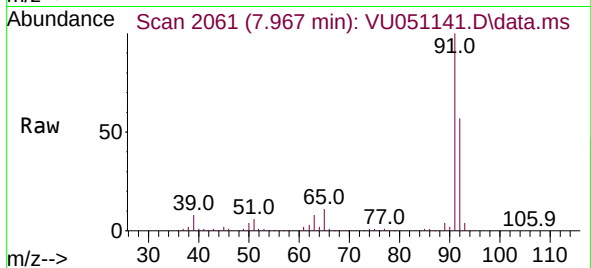
ClientSampleId :

Tgt Ion: 91 Resp: 783291

Ion Ratio Lower Upper

91 100

92 56.8 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 51.515 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU051141.D

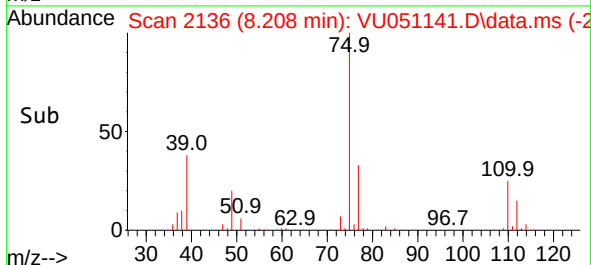
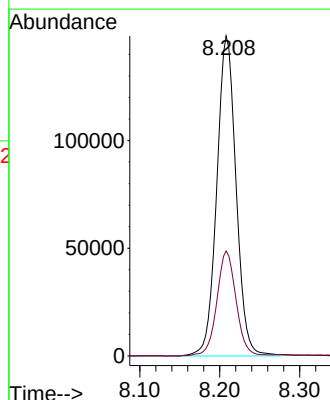
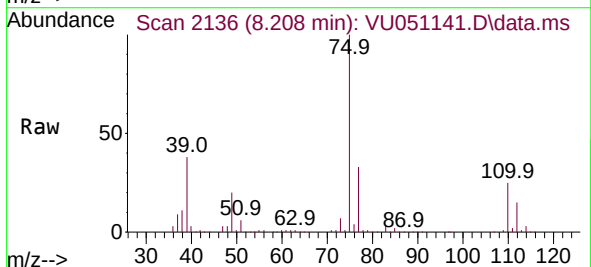
Acq: 05 Oct 2022 20:44

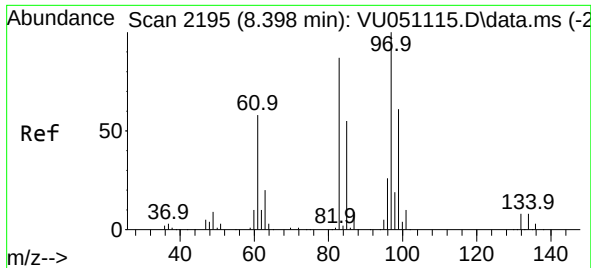
Tgt Ion: 75 Resp: 248488

Ion Ratio Lower Upper

75 100

77 32.8 22.7 42.3



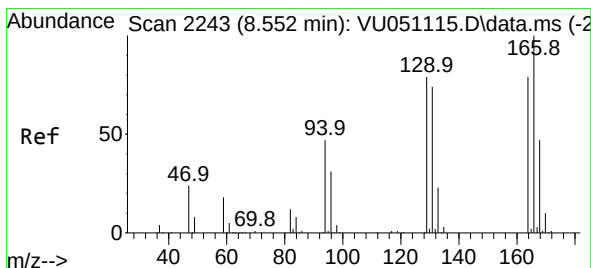
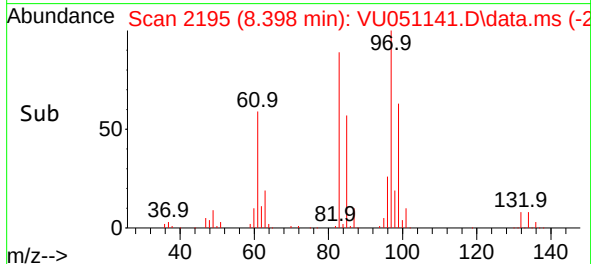
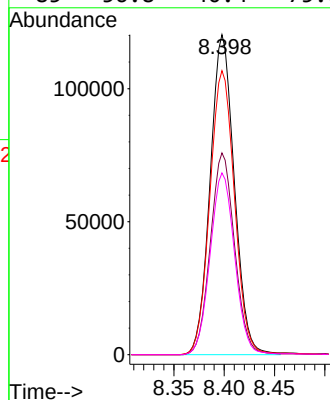
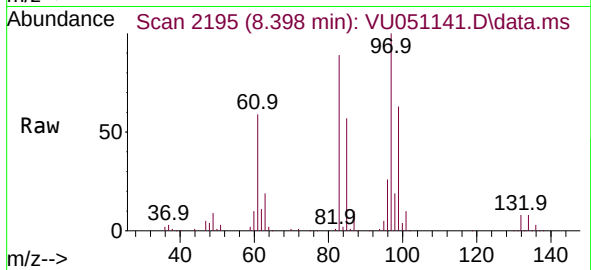


#45
1,1,2-Trichloroethane
Concen: 55.070 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 200936

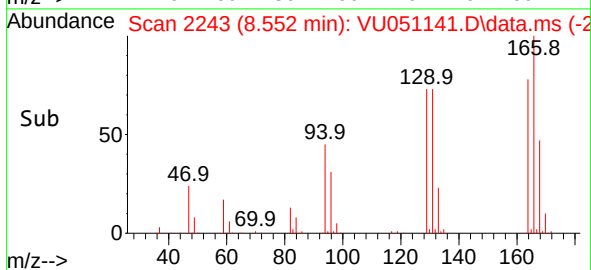
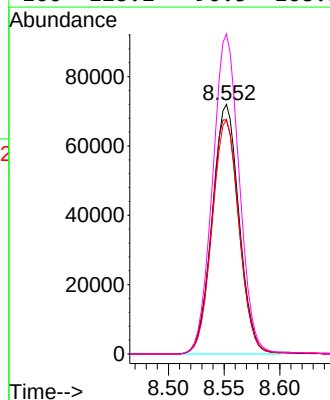
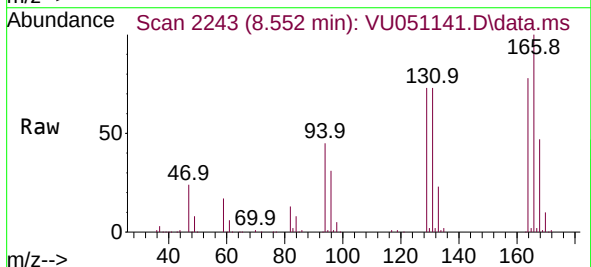
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.4	82.4
83	88.7	61.7	114.5
85	56.8	40.4	75.0

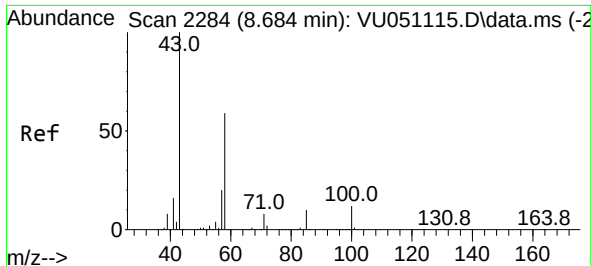


#46
Tetrachloroethene
Concen: 49.084 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion: 164 Resp: 120516

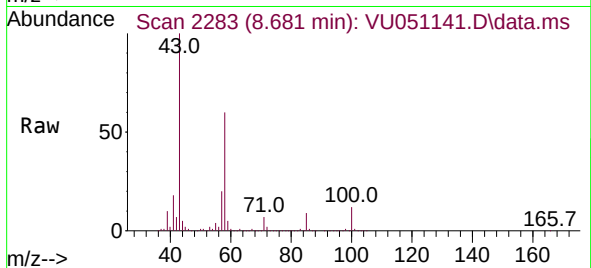
Ion	Ratio	Lower	Upper
164	100		
129	93.8	68.1	126.5
131	94.0	67.8	126.0
166	128.2	90.5	168.1



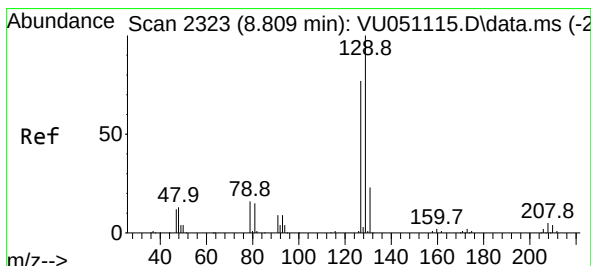
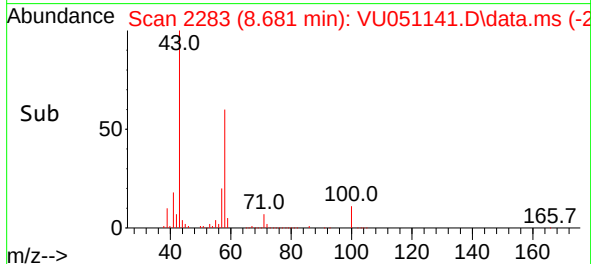
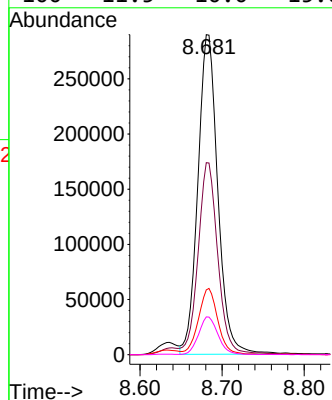


#48
2-Hexanone
Concen: 110.529 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Instrument :
MSVOA_U
ClientSampleId :

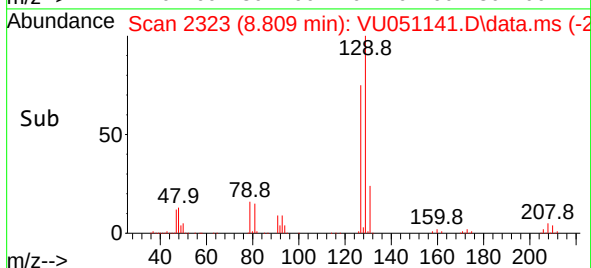
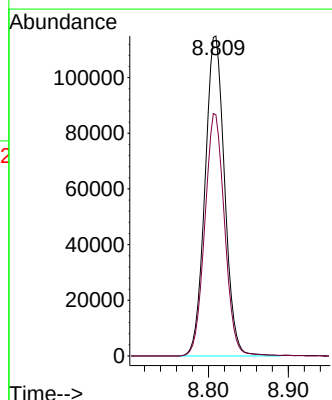
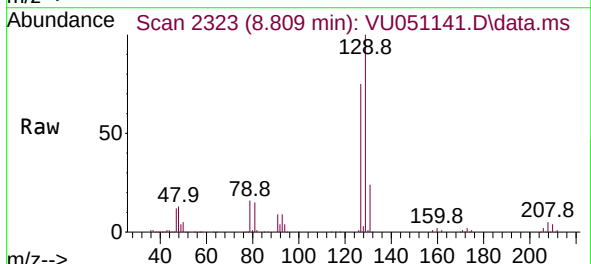


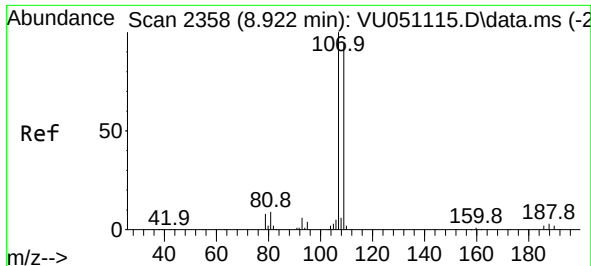
Tgt Ion: 43 Resp: 489745
Ion Ratio Lower Upper
43 100
58 57.8 48.3 72.5
57 20.1 15.9 23.9
100 11.5 10.0 15.0



#49
Dibromochloromethane
Concen: 50.942 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion: 129 Resp: 195424
Ion Ratio Lower Upper
129 100
127 75.4 52.8 98.0

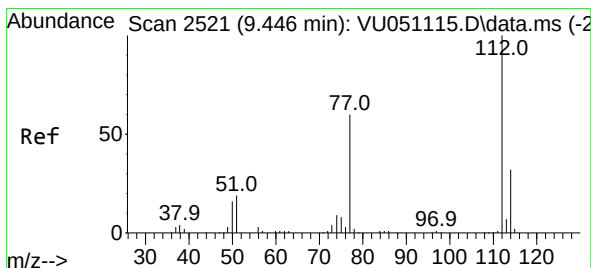
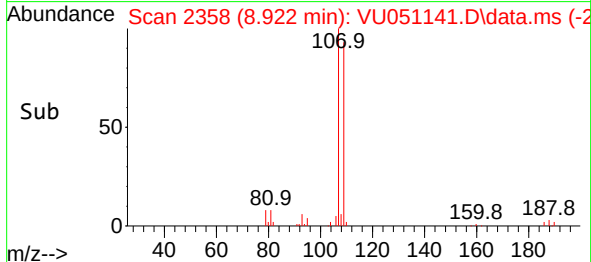
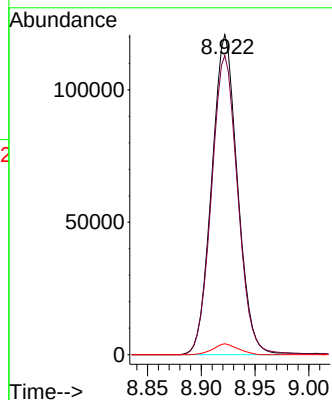
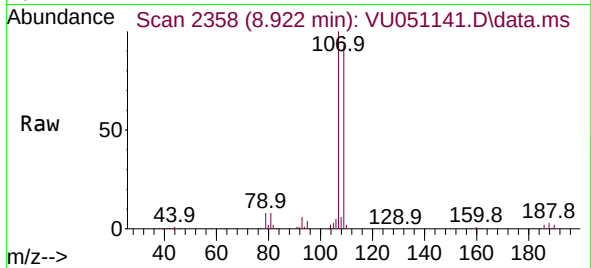




#50
1,2-Dibromoethane
Concen: 50.856 ug/L
RT: 8.922 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

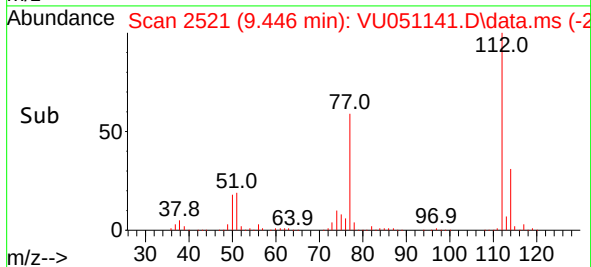
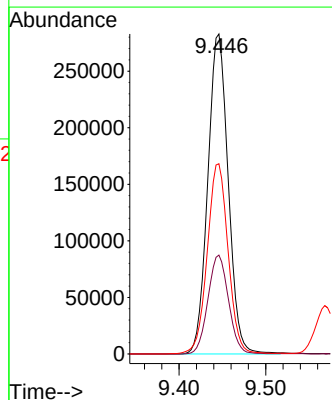
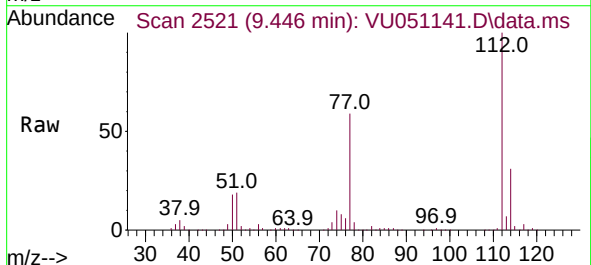
Instrument :
MSVOA_U
ClientSampleId :

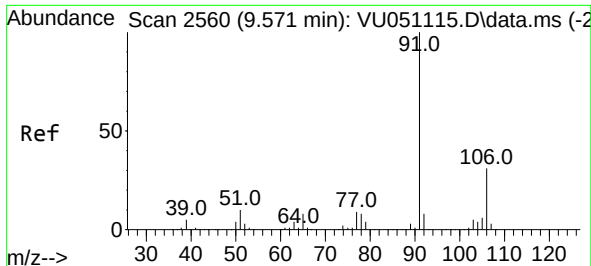
Tgt Ion:107 Resp: 201185
Ion Ratio Lower Upper
107 100
109 93.5 64.1 119.1
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 51.180 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion:112 Resp: 463092
Ion Ratio Lower Upper
112 100
114 30.9 22.3 41.3
77 59.4 48.2 72.2

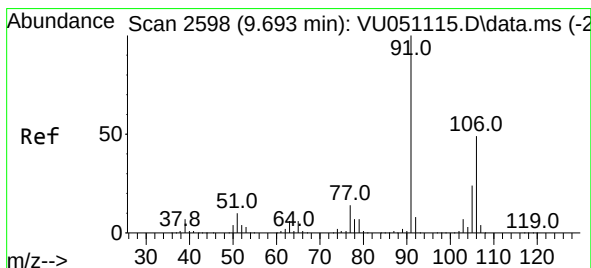
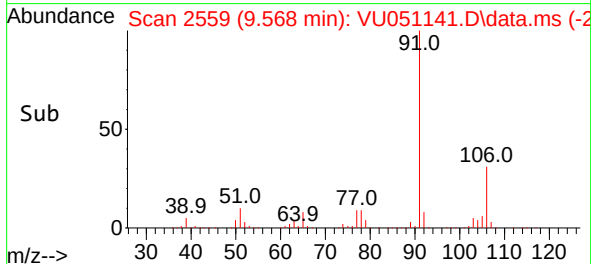
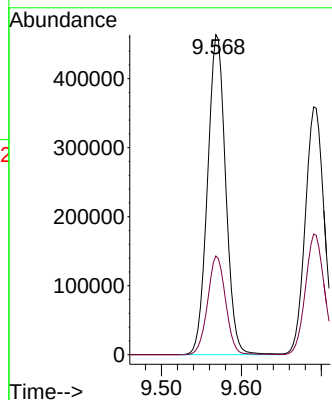
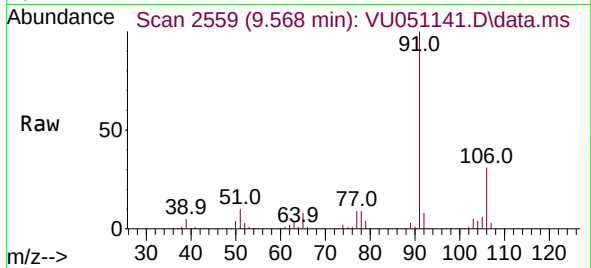




#52
Ethylbenzene
Concen: 51.556 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

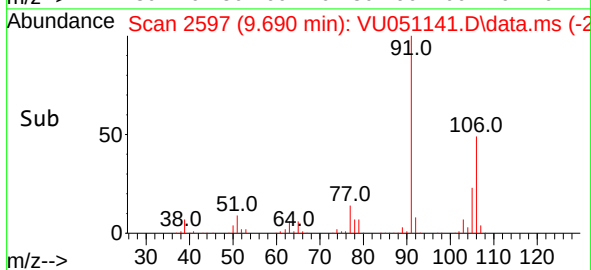
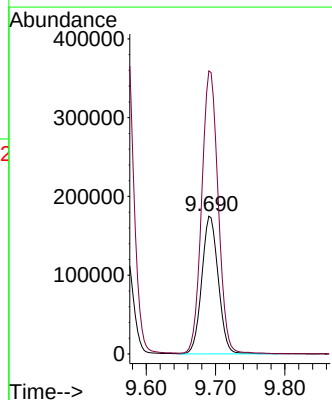
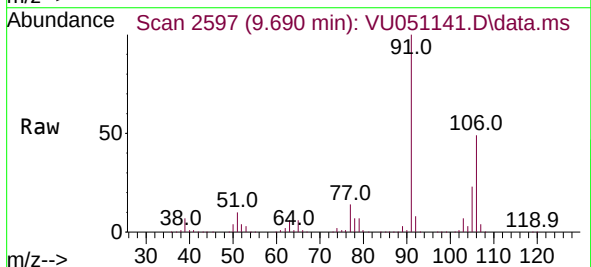
Instrument :
MSVOA_U
ClientSampleId :

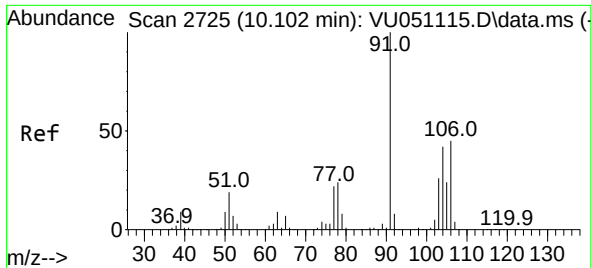
Tgt Ion: 91 Resp: 731692
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 53.990 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion: 106 Resp: 288145
Ion Ratio Lower Upper
106 100
91 205.5 141.9 263.5

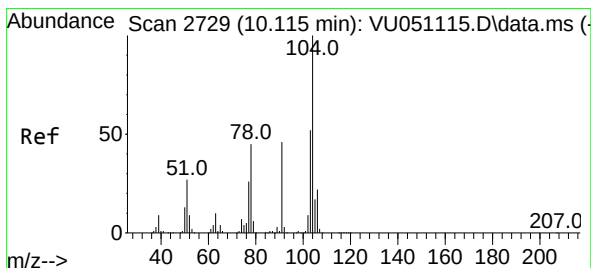
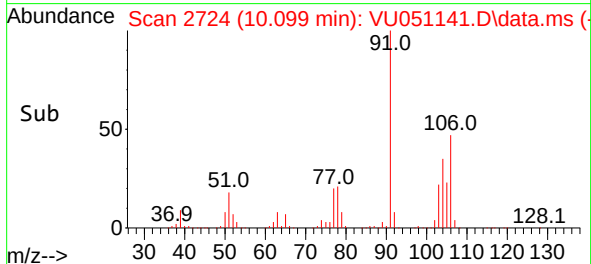
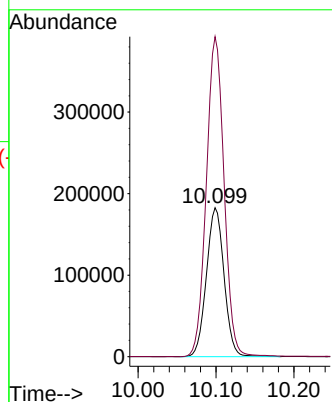
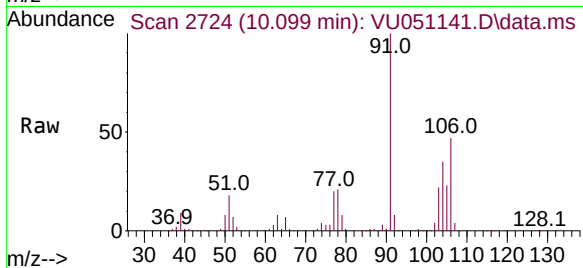




#54
o-Xylene
Concen: 53.925 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

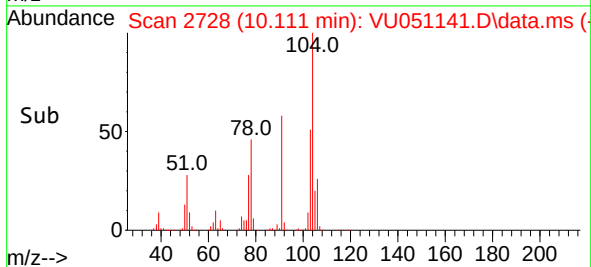
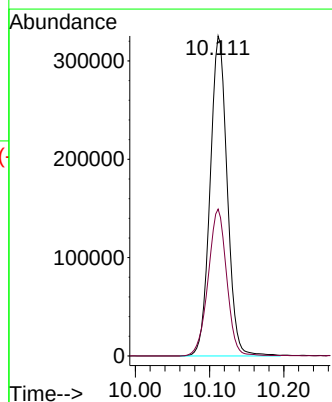
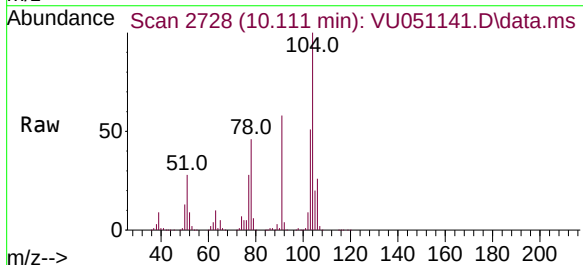
Instrument :
MSVOA_U
ClientSampleId :

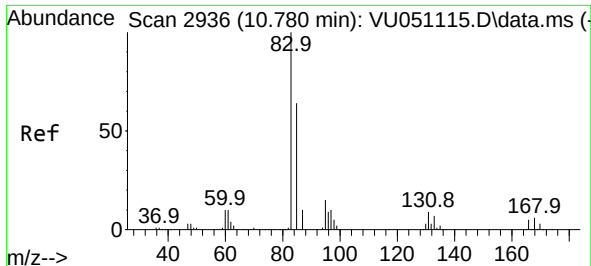
Tgt Ion:106 Resp: 287660
Ion Ratio Lower Upper
106 100
91 214.9 152.4 283.0



#55
Styrene
Concen: 56.487 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion:104 Resp: 520803
Ion Ratio Lower Upper
104 100
78 45.9 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 57.524 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

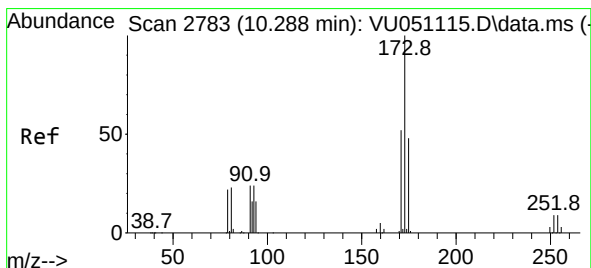
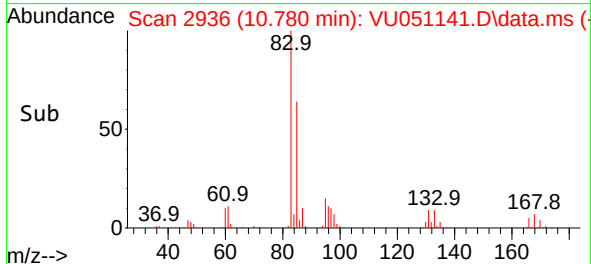
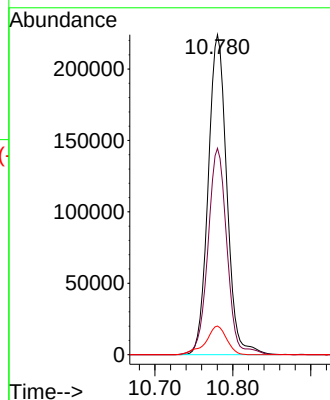
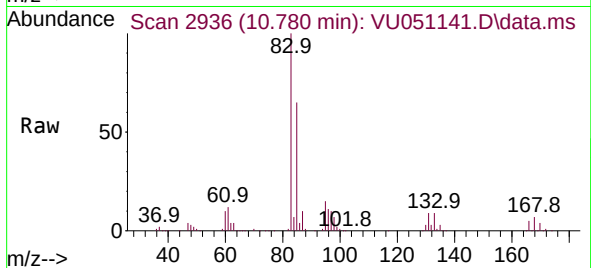
Tgt Ion: 83 Resp: 371464

Ion Ratio Lower Upper

83 100

85 64.5 44.7 83.1

131 8.9 7.0 10.4



#59

Bromoform

Concen: 46.979 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

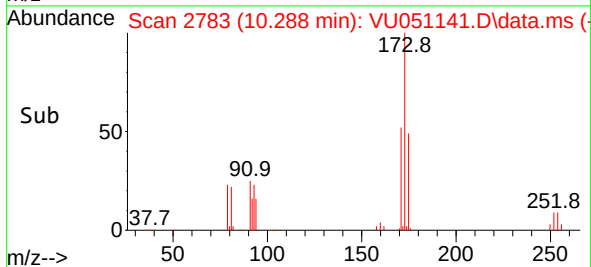
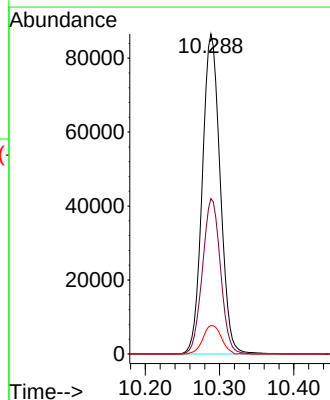
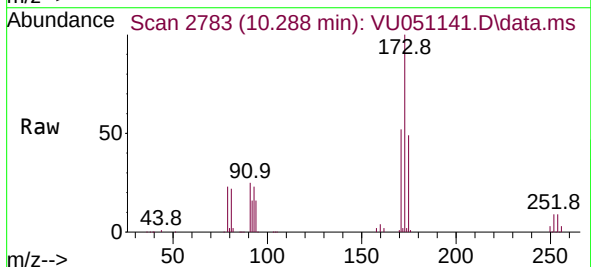
Tgt Ion:173 Resp: 144574

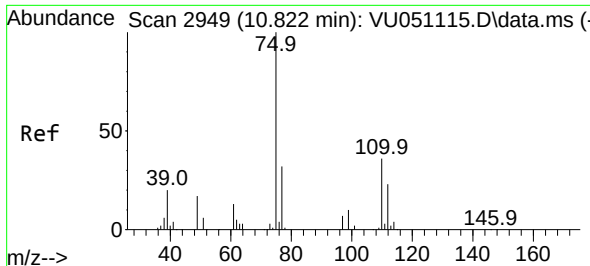
Ion Ratio Lower Upper

173 100

175 48.9 39.4 59.0

254 9.2 7.4 11.0

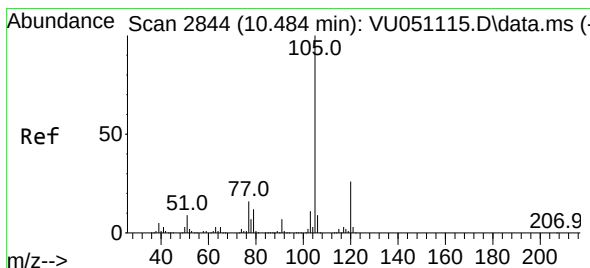
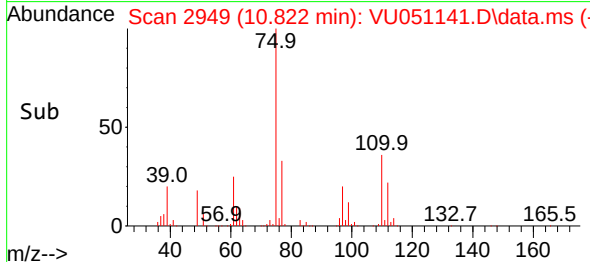
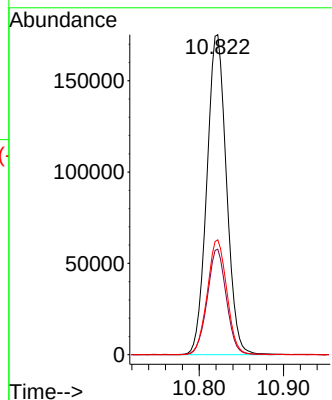
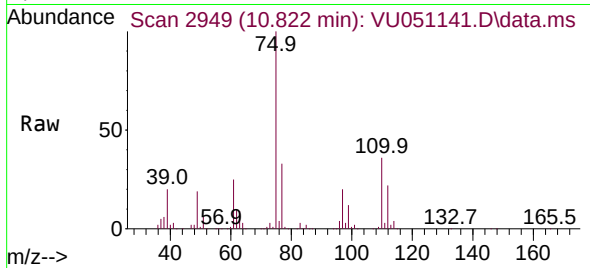




#60
1,2,3-Trichloropropane
Concen: 51.658 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

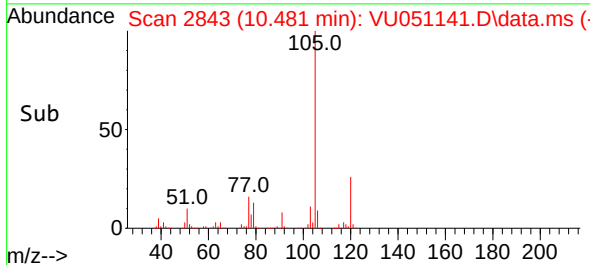
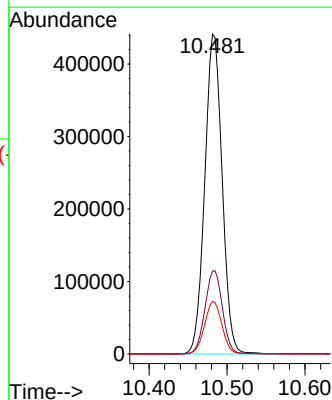
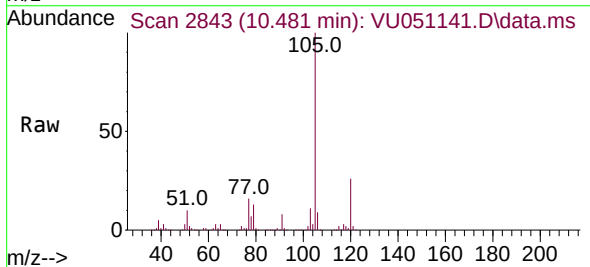
Instrument :
MSVOA_U
ClientSampleId :

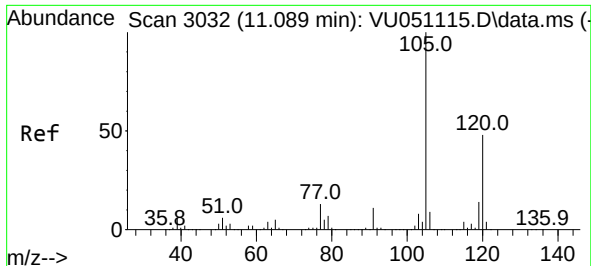
Tgt Ion: 75 Resp: 284332
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
110 35.8 30.0 45.0



#61
Isopropylbenzene
Concen: 50.363 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion: 105 Resp: 684288
Ion Ratio Lower Upper
105 100
120 26.1 21.1 31.7
77 16.5 12.8 19.2

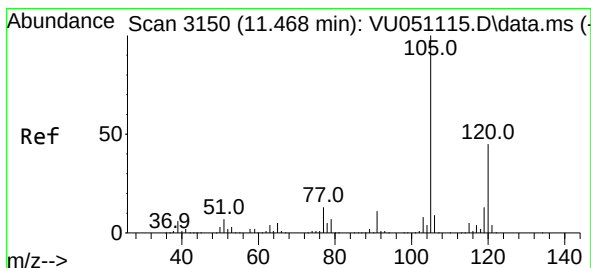
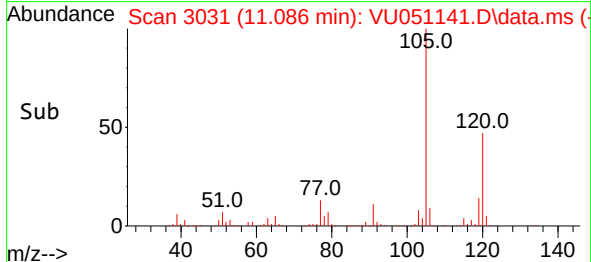
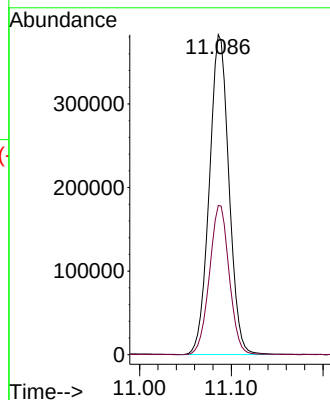
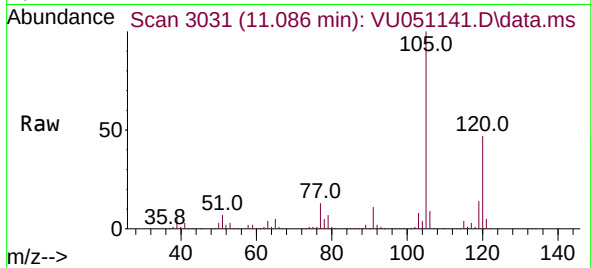




#62
 1,3,5-Trimethylbenzene
 Concen: 51.229 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU051141.D
 Acq: 05 Oct 2022 20:44

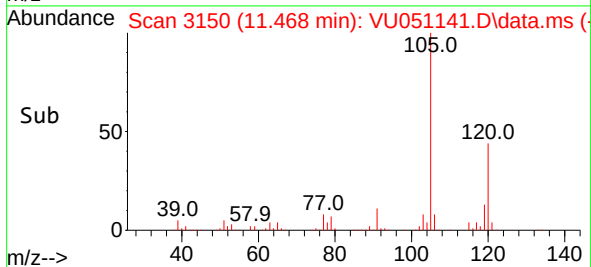
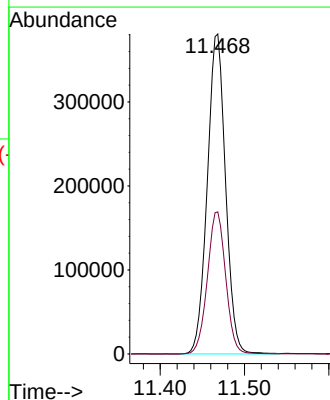
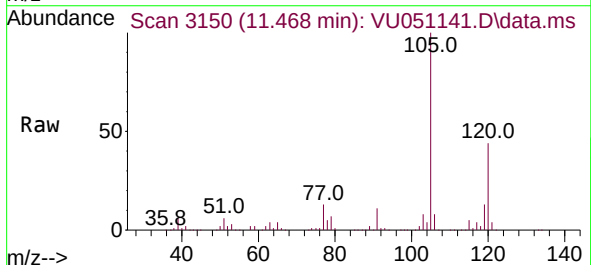
Instrument :
 MSVOA_U
 ClientSampleId :

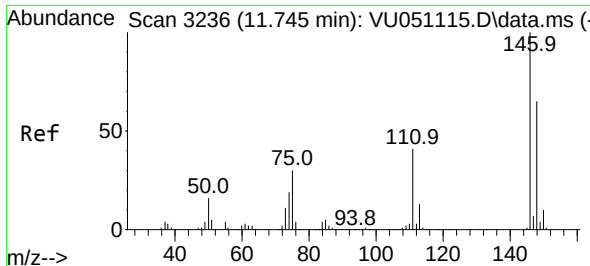
Tgt Ion:105 Resp: 569170
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 51.579 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU051141.D
 Acq: 05 Oct 2022 20:44

Tgt Ion:105 Resp: 574344
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.5 53.3

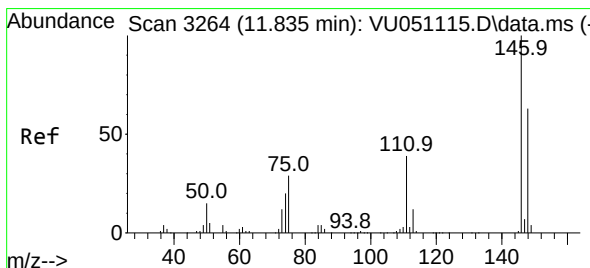
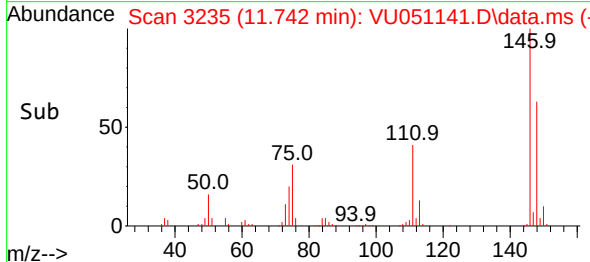
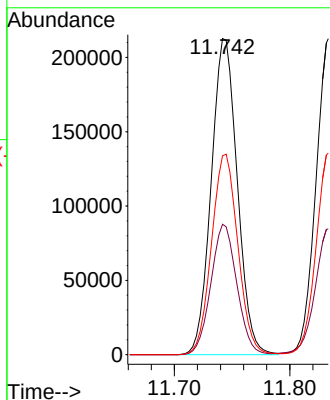
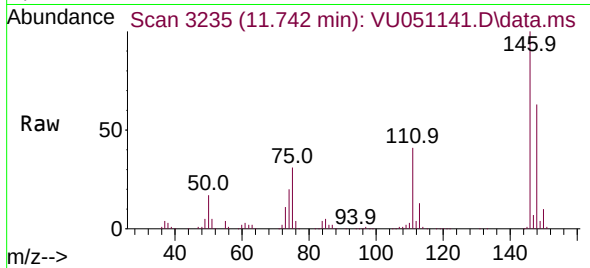




#64
1,3-Dichlorobenzene
Concen: 47.670 ug/L
RT: 11.742 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

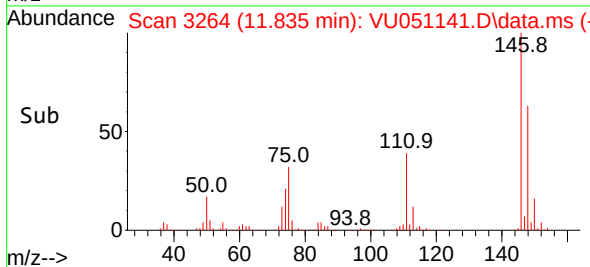
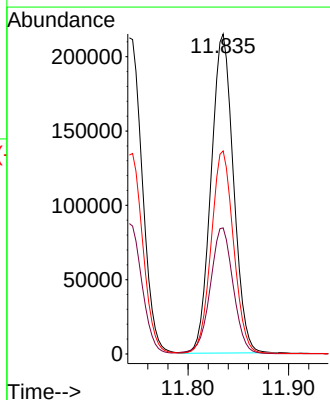
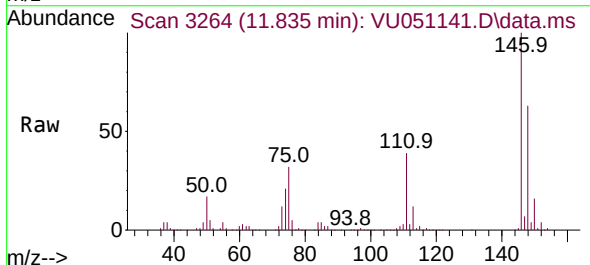
Instrument :
MSVOA_U
ClientSampleId :

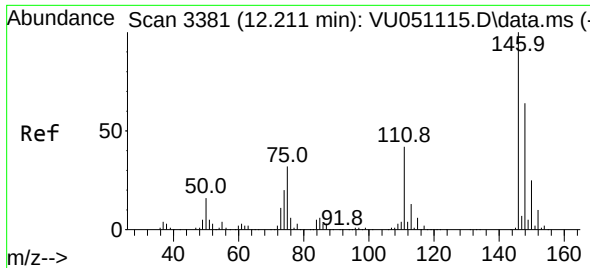
Tgt Ion:146 Resp: 333900
Ion Ratio Lower Upper
146 100
111 41.3 28.2 52.4
148 62.9 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 47.421 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051141.D
Acq: 05 Oct 2022 20:44

Tgt Ion:146 Resp: 332033
Ion Ratio Lower Upper
146 100
111 39.4 27.0 50.2
148 63.4 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 48.749 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

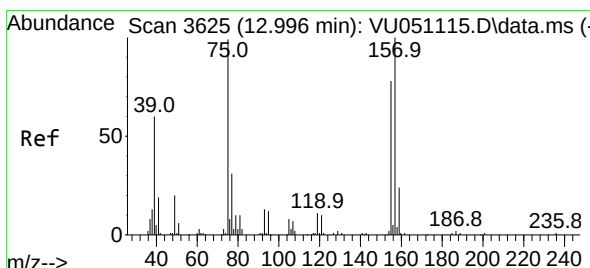
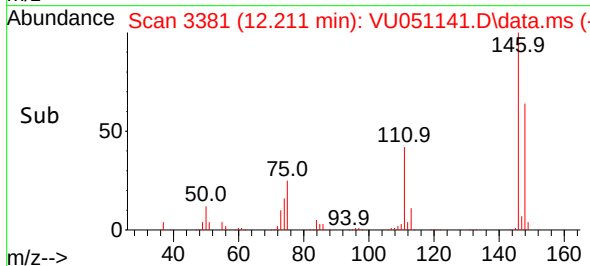
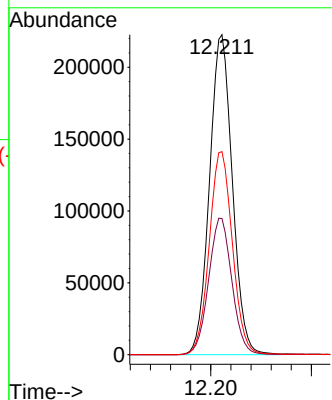
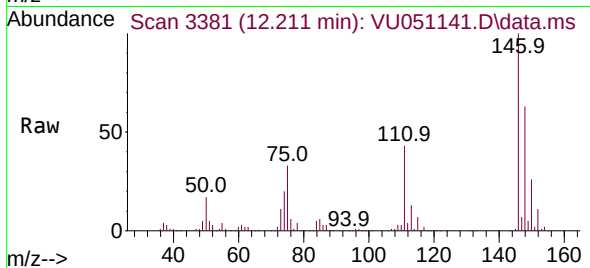
Tgt Ion:146 Resp: 350824

Ion Ratio Lower Upper

146 100

111 42.5 33.7 50.5

148 63.4 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 43.373 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

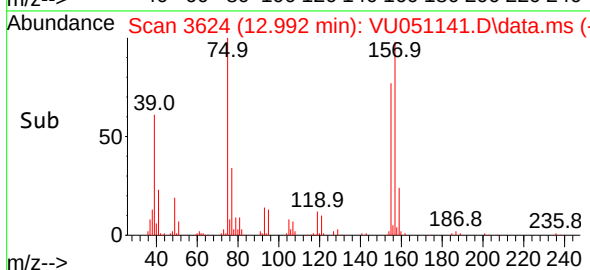
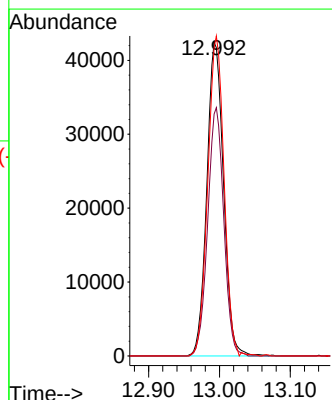
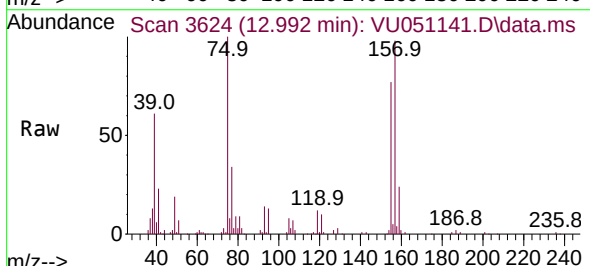
Tgt Ion: 75 Resp: 69666

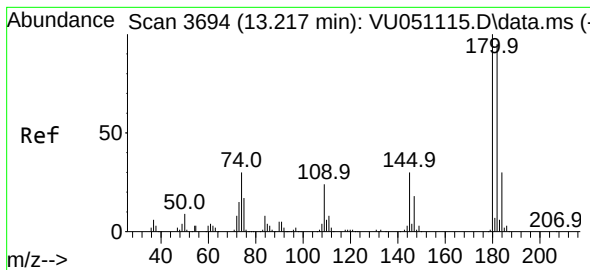
Ion Ratio Lower Upper

75 100

155 77.1 64.4 96.6

157 102.3 82.2 123.2





#69

1,3,5-Trichlorobenzene

Concen: 44.099 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

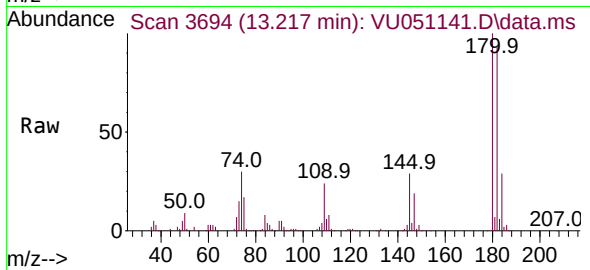
Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 209463

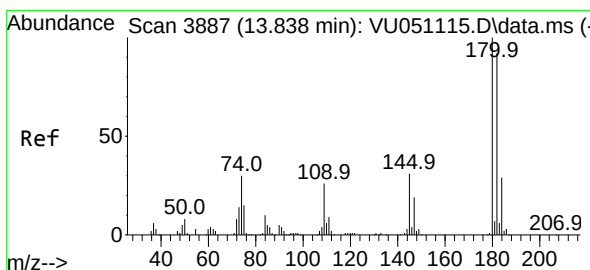
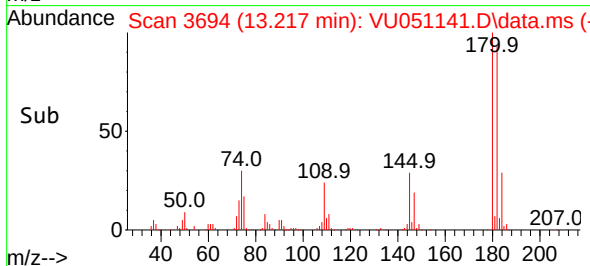
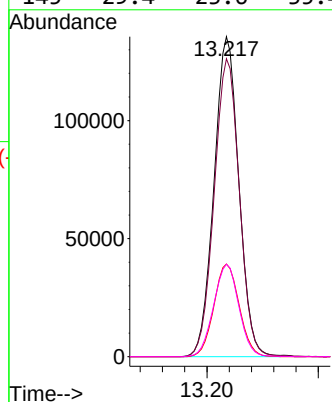
Ion Ratio Lower Upper

180 100

182 94.5 77.0 115.4

184 29.5 24.4 36.6

145 29.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 39.455 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

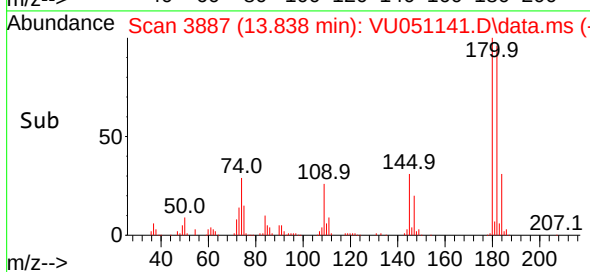
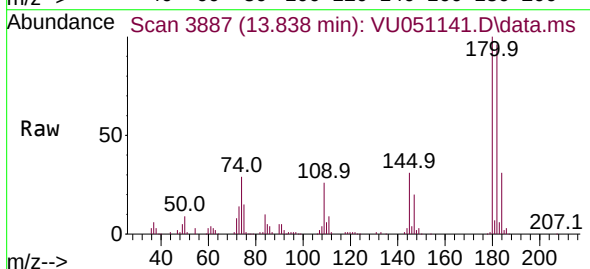
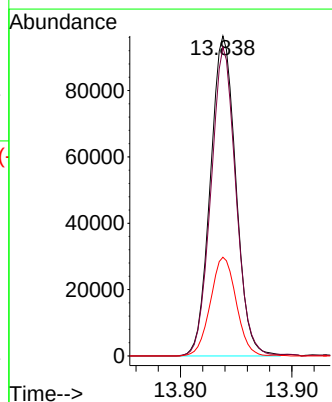
Tgt Ion:180 Resp: 153332

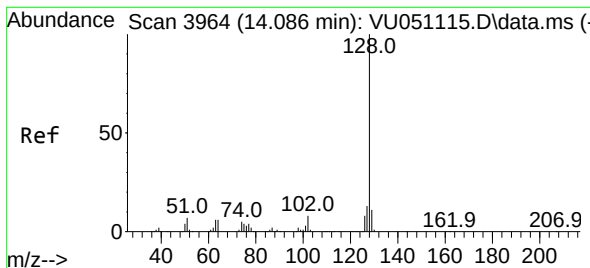
Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

145 31.2 24.0 36.0





#71

Naphthalene

Concen: 37.426 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

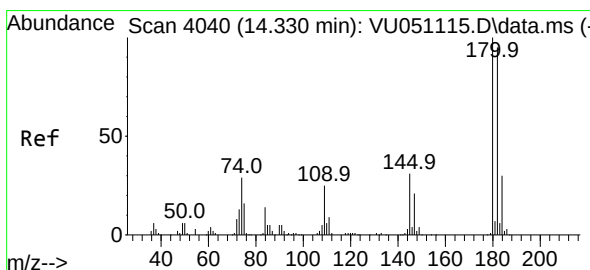
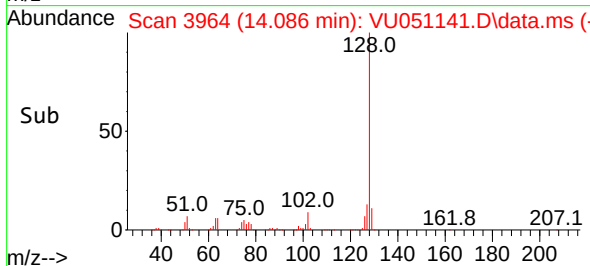
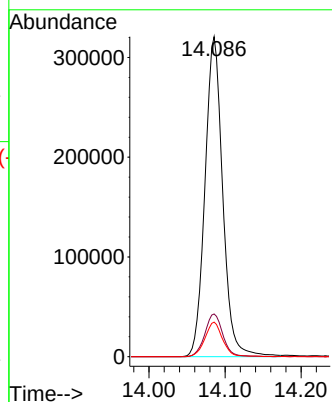
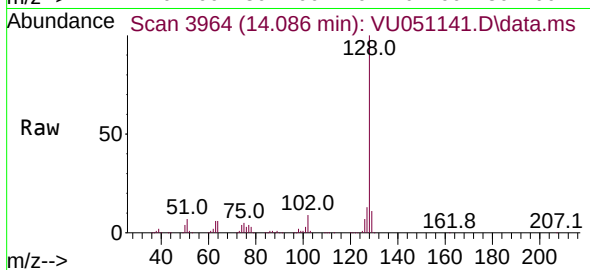
Tgt Ion:128 Resp: 520592

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 41.693 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.003 min

Lab File: VU051141.D

Acq: 05 Oct 2022 20:44

Tgt Ion:180 Resp: 180807

Ion Ratio Lower Upper

180 100

182 95.7 76.0 114.0

145 32.5 26.1 39.1

