

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051853.D
 Acq On : 14 Nov 2022 22:59
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:07:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	193880	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	199575	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	97194	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56241	3.852	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.912	69	60359	3.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.565	65	25139	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.623	46	199677	37.759	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.520%
24) Chloroform-d	5.063	84	151351	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.700	65	77108	4.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.726	84	287795	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	96064	4.362	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.896	98	261393	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.179	79	32043	4.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.632	63	165426	40.810	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.620%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90465	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	95628	5.361	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	82950	3.912	ug/L	98
3) Chloromethane	1.523	50	104998	3.928	ug/L	99
5) Vinyl chloride	1.604	62	103427	4.040	ug/L	96
6) Bromomethane	1.854	94	50150	4.131	ug/L	98
8) Chloroethane	1.932	64	72972	4.694	ug/L	98
9) Trichlorofluoromethane	2.137	101	126077	4.486	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	79444	4.808	ug/L	98
12) 1,1-Dichloroethene	2.578	96	73971	4.389	ug/L	91
13) Acetone	2.633	43	143713	53.561	ug/L	100
14) Carbon disulfide	2.793	76	178497	3.285	ug/L	100
15) Methyl Acetate	2.951	43	36833	5.243	ug/L	97
16) Methylene chloride	3.044	84	129160	4.678	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	196325	5.080	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	81022	4.479	ug/L	96
19) 1,1-Dichloroethane	3.867	63	172630	5.174	ug/L	98
21) 2-Butanone	4.703	43	234645	55.842	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	98782	4.935	ug/L	99
23) Bromochloromethane	4.973	128	46242	4.941	ug/L	96
25) Chloroform	5.086	83	189009	5.461	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051853.D
 Acq On : 14 Nov 2022 22:59
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

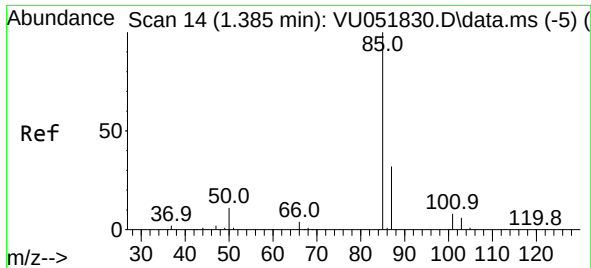
Quant Time: Nov 15 03:07:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	108356	5.087	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	135674	5.007	ug/L	99
30) Cyclohexane	5.385	56	95737	3.837	ug/L	99
31) Carbon tetrachloride	5.523	117	112107	4.837	ug/L	99
33) Benzene	5.774	78	386711	4.910	ug/L	100
34) Trichloroethene	6.539	95	91088	4.792	ug/L	98
35) Methylcyclohexane	6.761	83	99538	3.788	ug/L	98
37) 1,2-Dichloropropane	6.790	63	106262	5.246	ug/L	100
38) Bromodichloromethane	7.105	83	131656	5.321	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	125447	4.827	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	579850	57.069	ug/L	99
42) Toluene	7.967	91	410180	5.071	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	113265	5.215	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	81801	5.511	ug/L	99
47) Tetrachloroethene	8.552	164	72973	5.013	ug/L	99
48) 2-Hexanone	8.681	43	428274	56.946	ug/L	98
49) Dibromochloromethane	8.806	129	92028	5.427	ug/L	99
50) 1,2-Dibromoethane	8.922	107	71293	5.323	ug/L	93
51) Chlorobenzene	9.446	112	257758	5.063	ug/L	99
52) Ethylbenzene	9.568	91	384028	4.921	ug/L	99
53) m,p-Xylene	9.690	106	151357	4.993	ug/L	99
54) o-Xylene	10.099	106	152428	5.145	ug/L	100
55) Styrene	10.111	104	269613	5.443	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	107418	5.836	ug/L	99
59) Bromoform	10.288	173	53367	5.943	ug/L	99
60) Isopropylbenzene	10.481	105	383425	5.404	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	73474	5.846	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	92252	4.829	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	270644	4.914	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	198640	5.623	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	192990	5.449	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	193065	5.611	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	14376	5.555	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	127421	5.061	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	95678	4.950	ug/L	97
71) Naphthalene	14.082	128	164109	4.548	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	94920	4.863	ug/L	98

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

Quant Time: Nov 15 03:07:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 03:00:15 2022
Response via : Initial Calibration

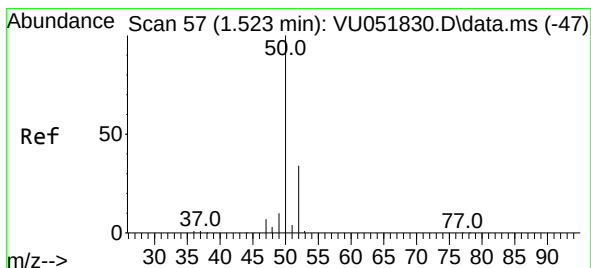
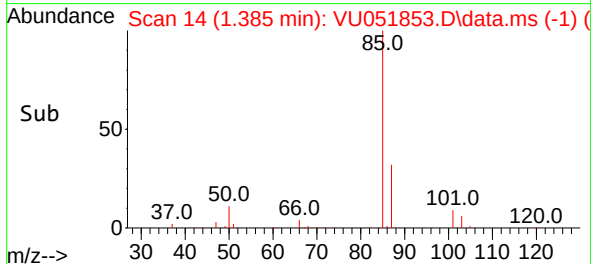
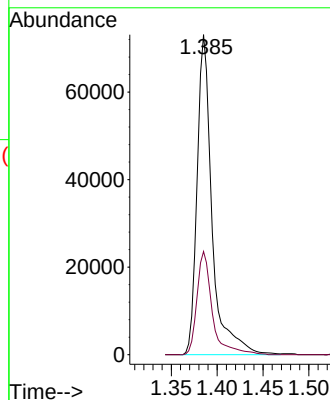
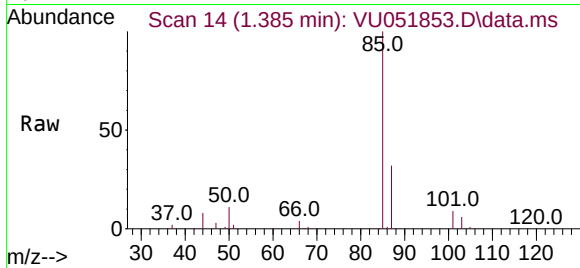




#2
Dichlorodifluoromethane
Concen: 3.912 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

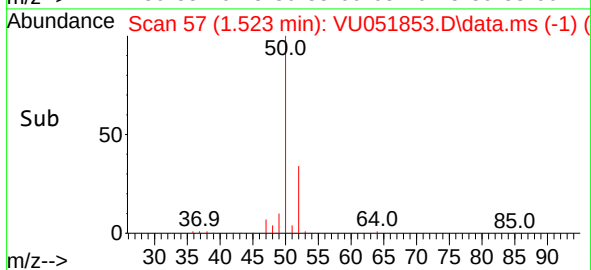
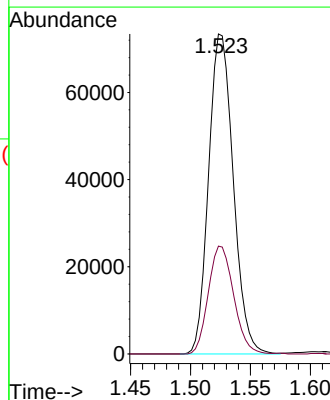
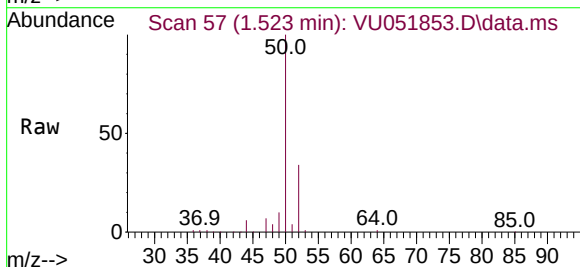
Instrument :
MSVOA_U
ClientSampleId :

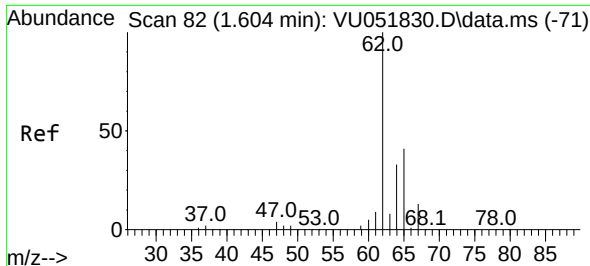
Tgt Ion: 85 Resp: 82950
Ion Ratio Lower Upper
85 100
87 33.1 25.7 38.5



#3
Chloromethane
Concen: 3.928 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

Tgt Ion: 50 Resp: 104998
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2

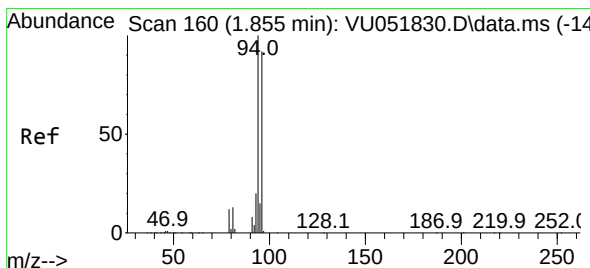
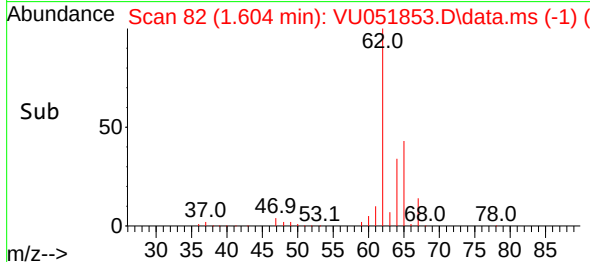
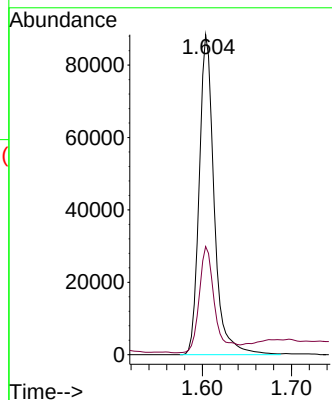
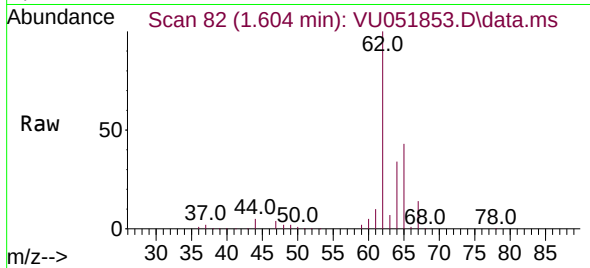




#5
 Vinyl chloride
 Concen: 4.040 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051853.D
 Acq: 14 Nov 2022 22:59

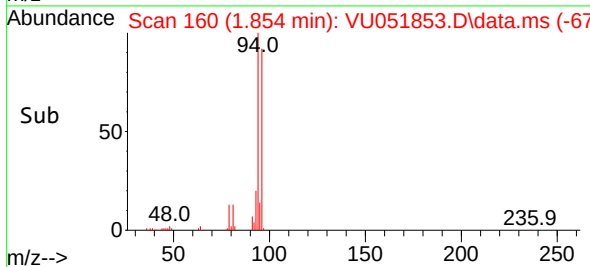
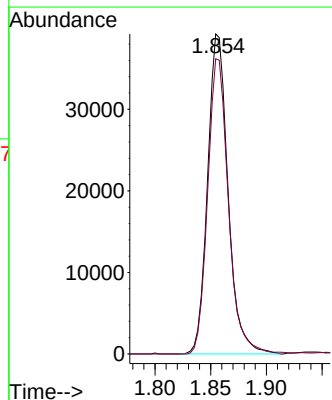
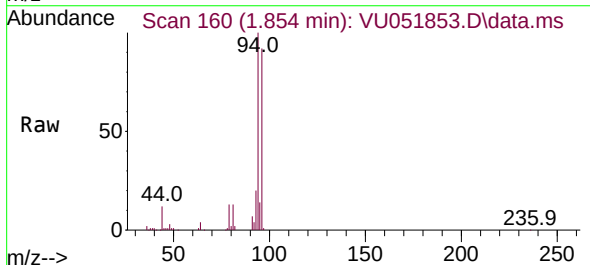
Instrument :
 MSVOA_U
 ClientSampleId :

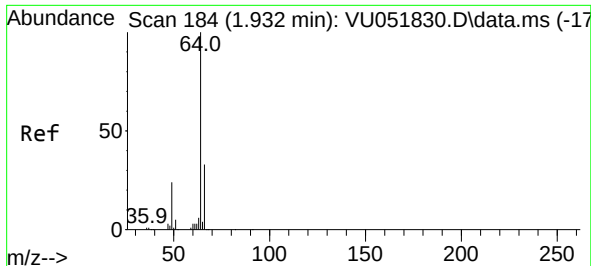
Tgt Ion: 62 Resp: 103427
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.1 41.1



#6
 Bromomethane
 Concen: 4.131 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU051853.D
 Acq: 14 Nov 2022 22:59

Tgt Ion: 94 Resp: 50150
 Ion Ratio Lower Upper
 94 100
 96 92.3 63.2 117.4

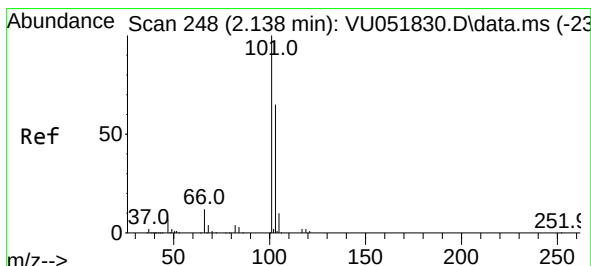
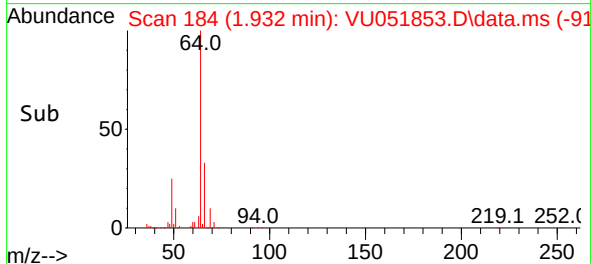
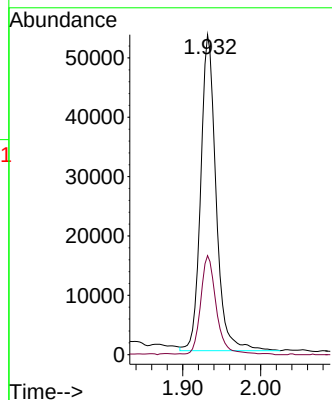
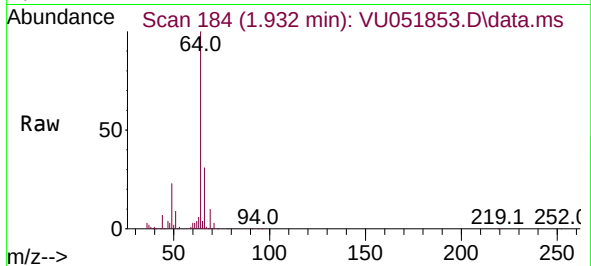




#8
Chloroethane
Concen: 4.694 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

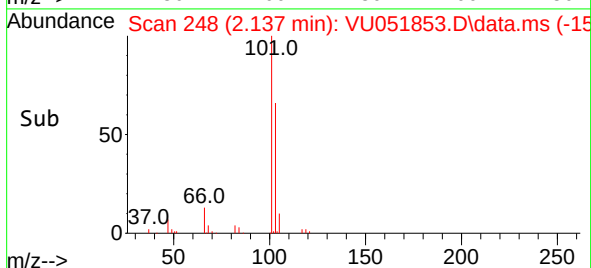
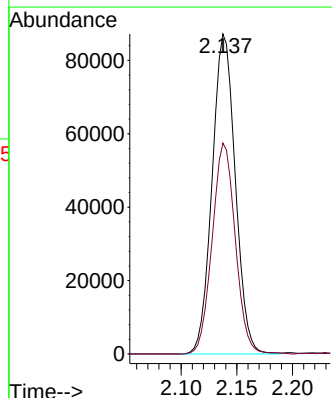
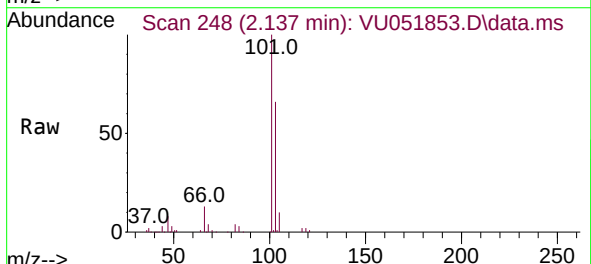
Instrument :
MSVOA_U
ClientSampleId :

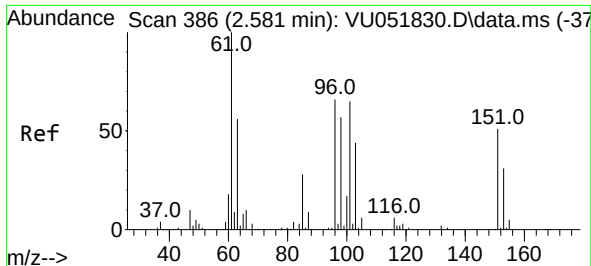
Tgt Ion: 64 Resp: 72972
Ion Ratio Lower Upper
64 100
66 30.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.486 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

Tgt Ion: 101 Resp: 126077
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.6

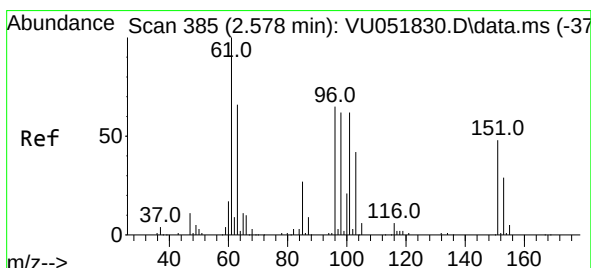
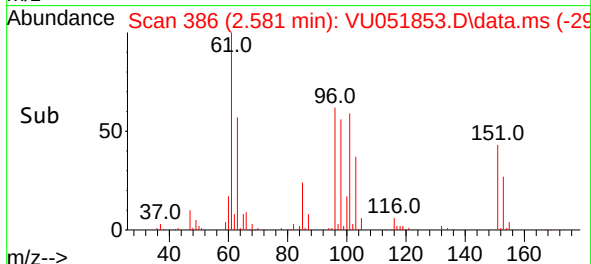
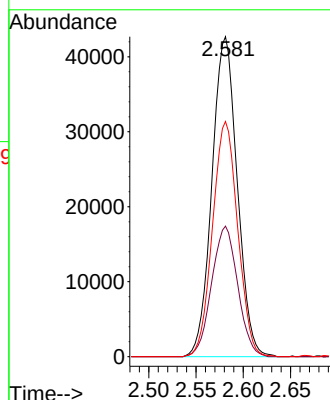
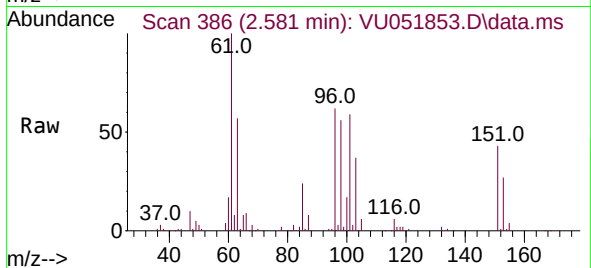




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.808 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU051853.D
 Acq: 14 Nov 2022 22:59

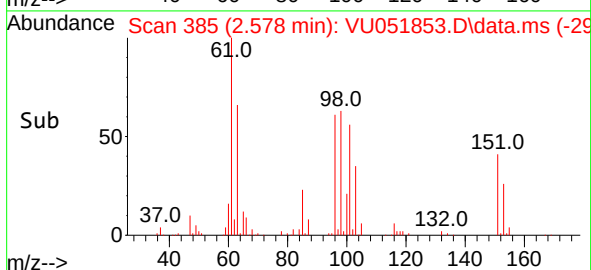
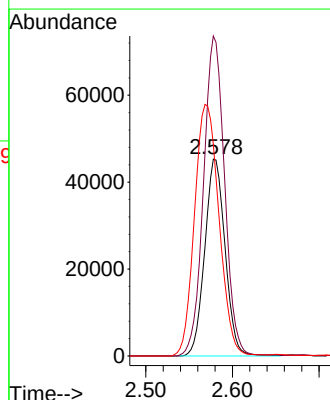
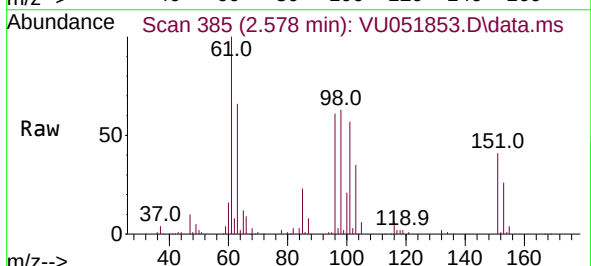
Instrument :
 MSVOA_U
 ClientSampleId :

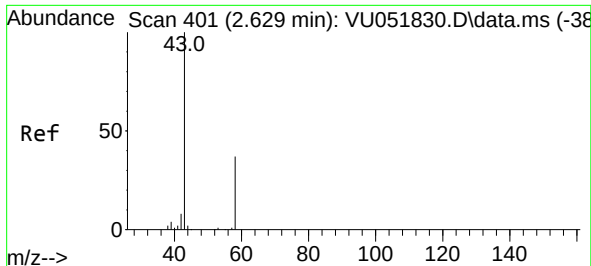
Tgt Ion:101 Resp: 79444
 Ion Ratio Lower Upper
 101 100
 85 42.0 35.6 53.4
 151 73.1 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 4.389 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051853.D
 Acq: 14 Nov 2022 22:59

Tgt Ion: 96 Resp: 73971
 Ion Ratio Lower Upper
 96 100
 61 162.6 108.8 202.0
 63 107.6 64.9 120.5





#13

Acetone

Concen: 53.561 ug/L

RT: 2.633 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Instrument :

MSVOA_U

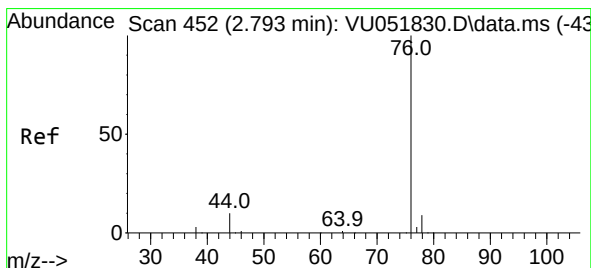
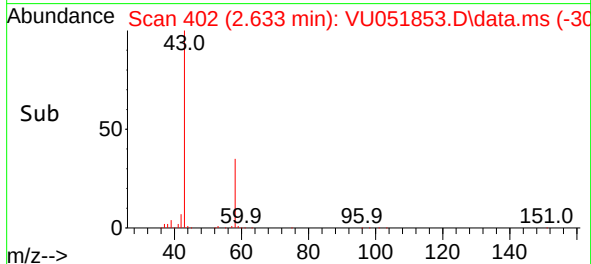
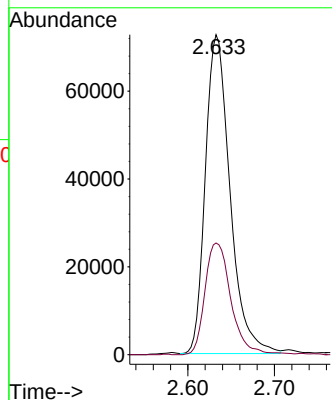
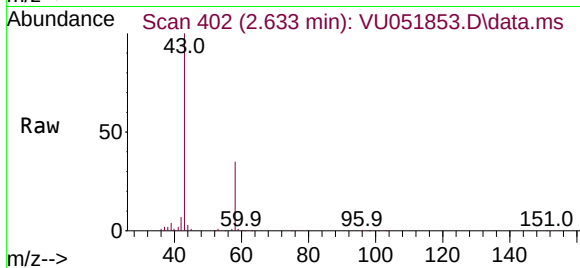
ClientSampleId :

Tgt Ion: 43 Resp: 143713

Ion Ratio Lower Upper

43 100

58 37.0 0.0 73.8



#14

Carbon disulfide

Concen: 3.285 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU051853.D

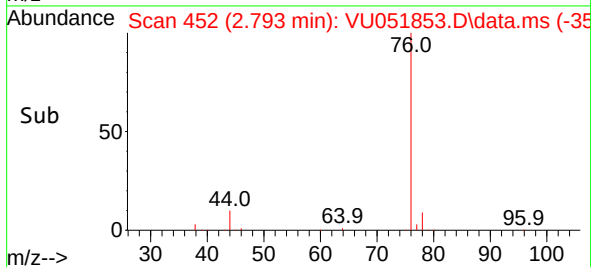
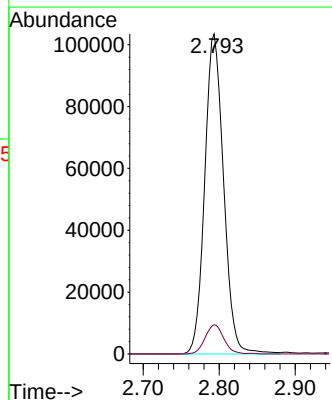
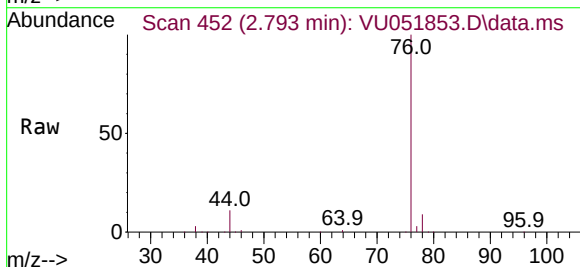
Acq: 14 Nov 2022 22:59

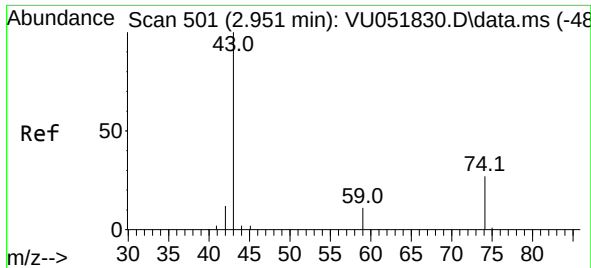
Tgt Ion: 76 Resp: 178497

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

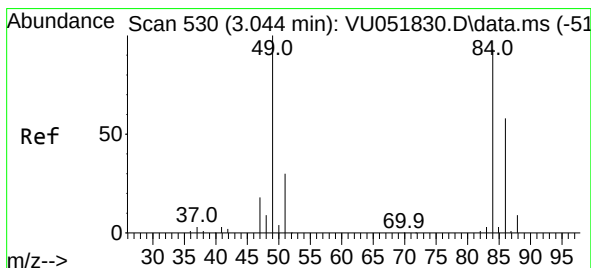
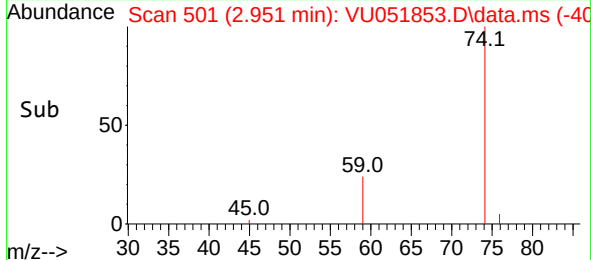
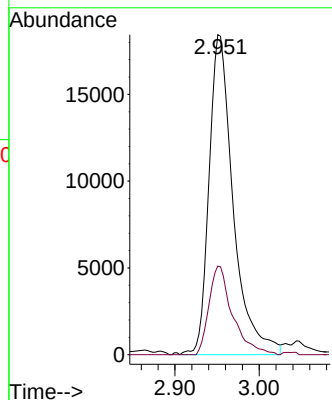
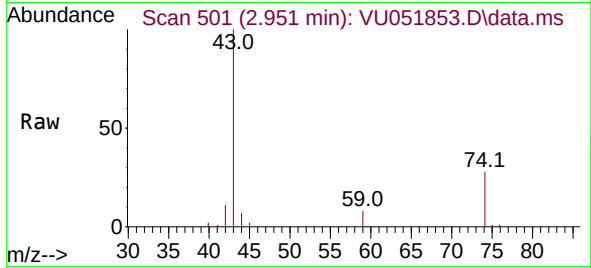




#15
Methyl Acetate
Concen: 5.243 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

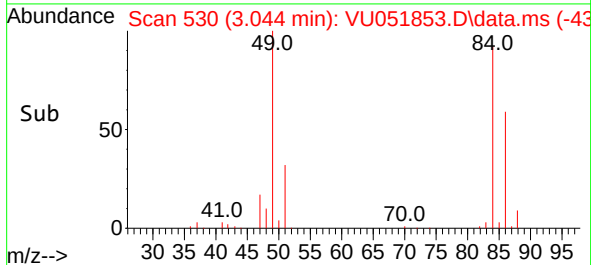
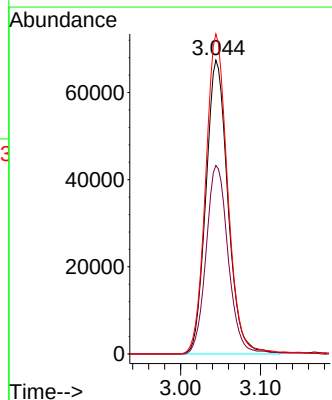
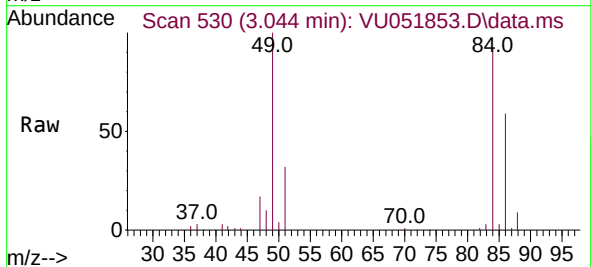
Instrument :
MSVOA_U
ClientSampleId :

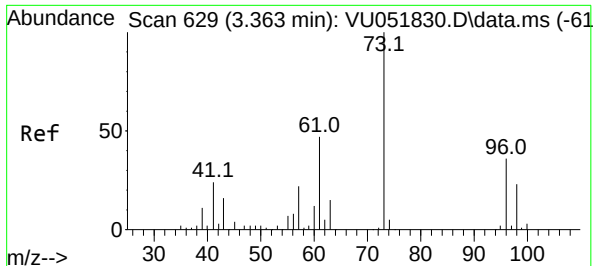
Tgt Ion: 43 Resp: 36833
Ion Ratio Lower Upper
43 100
74 26.9 20.2 30.4



#16
Methylene chloride
Concen: 4.678 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

Tgt Ion: 84 Resp: 129160
Ion Ratio Lower Upper
84 100
86 64.2 46.3 85.9
49 108.9 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.080 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Instrument :

MSVOA_U

ClientSampleId :

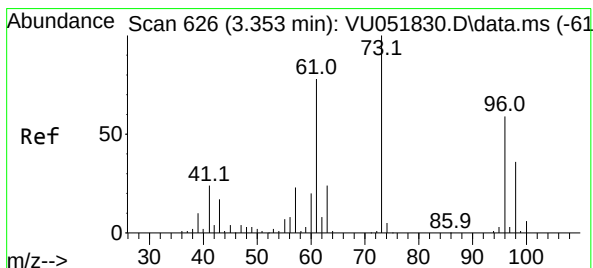
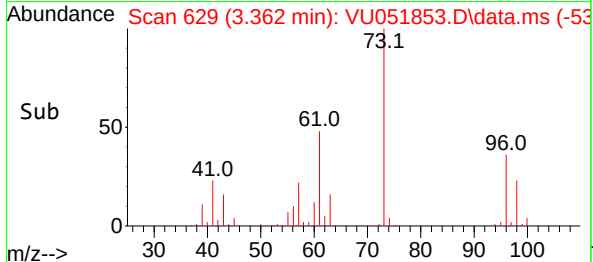
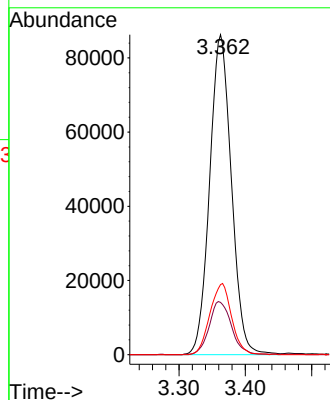
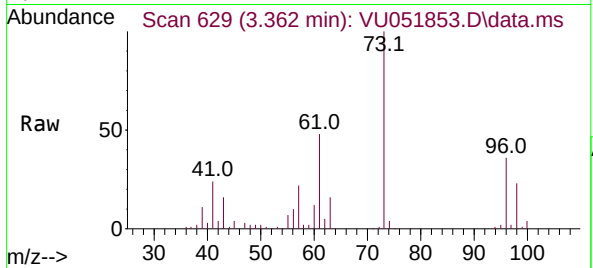
Tgt Ion: 73 Resp: 196325

Ion Ratio Lower Upper

73 100

43 17.0 13.6 20.4

57 22.2 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 4.479 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

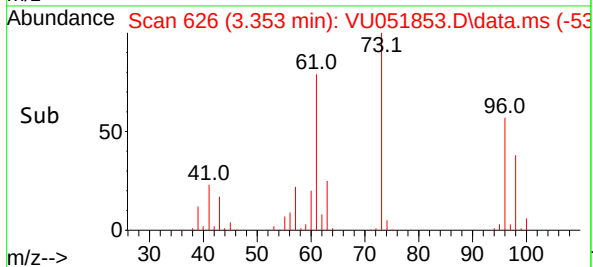
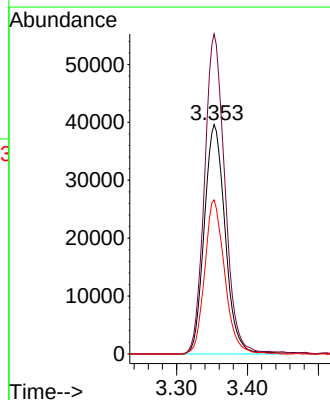
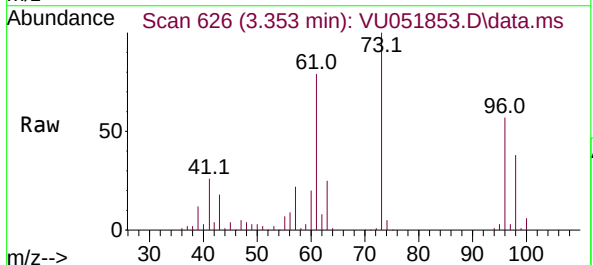
Tgt Ion: 96 Resp: 81022

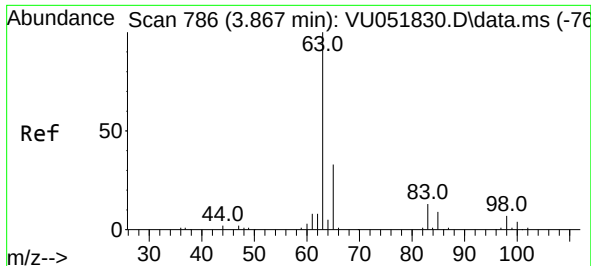
Ion Ratio Lower Upper

96 100

61 139.5 94.7 175.9

98 67.1 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.174 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Instrument :

MSVOA_U

ClientSampleId :

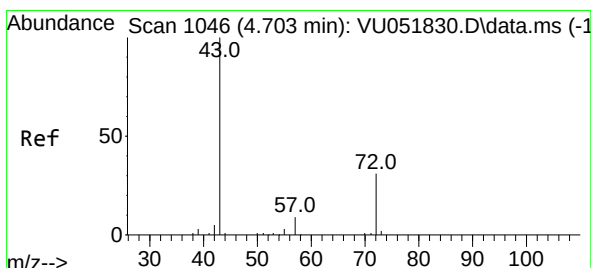
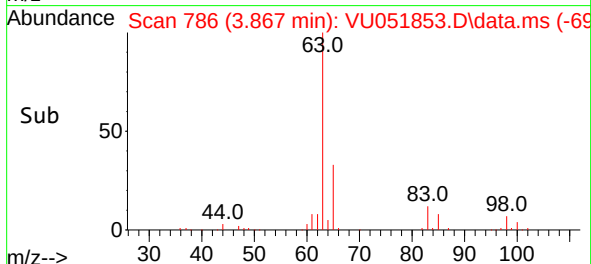
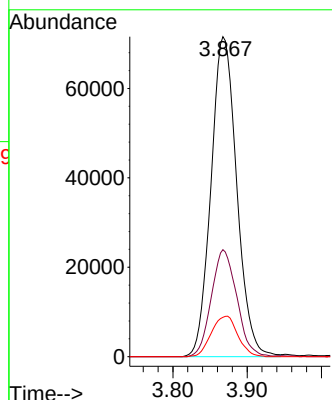
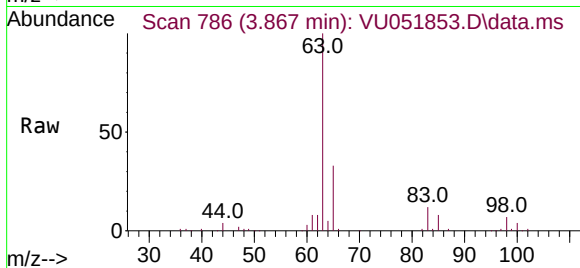
Tgt Ion: 63 Resp: 172630

Ion Ratio Lower Upper

63 100

65 33.5 22.7 42.1

83 12.3 9.2 17.0



#21

2-Butanone

Concen: 55.842 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU051853.D

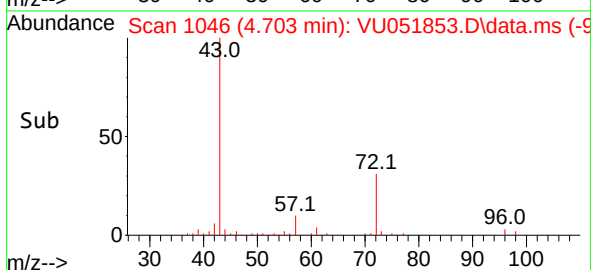
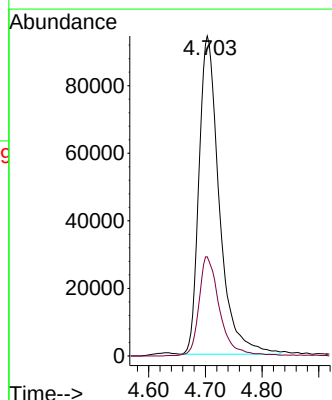
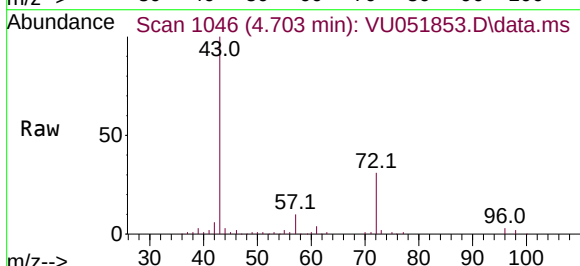
Acq: 14 Nov 2022 22:59

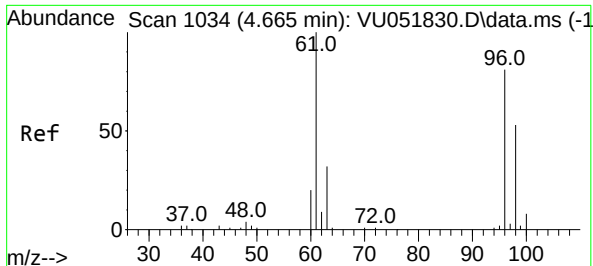
Tgt Ion: 43 Resp: 234645

Ion Ratio Lower Upper

43 100

72 31.1 16.2 48.5

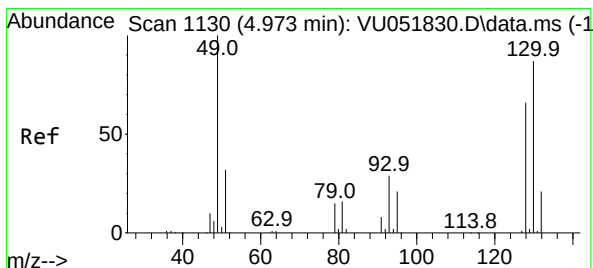
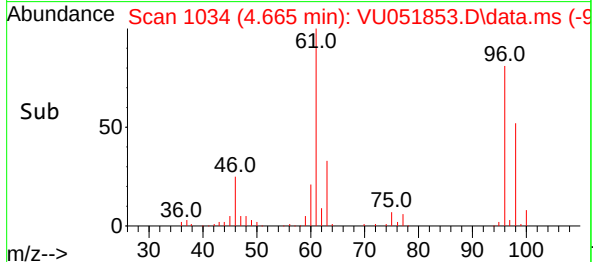
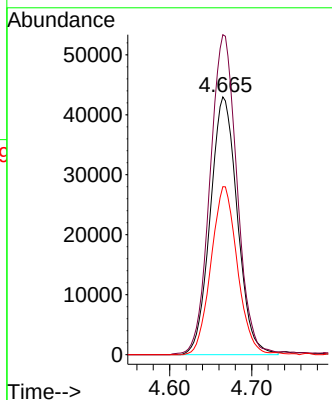
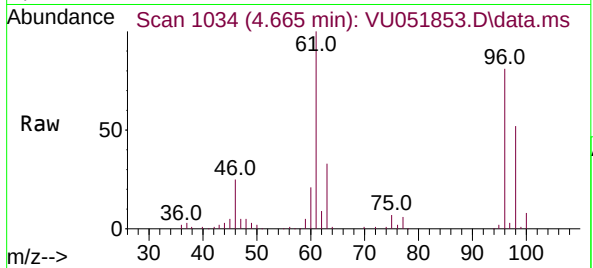




#22
 cis-1,2-Dichloroethene
 Concen: 4.935 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051853.D
 Acq: 14 Nov 2022 22:59

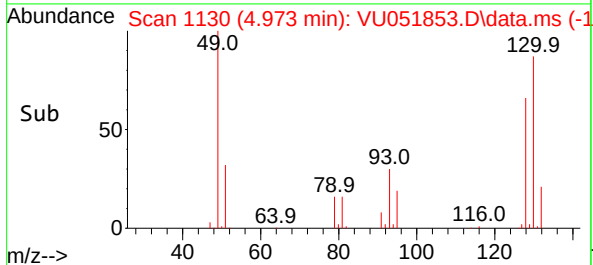
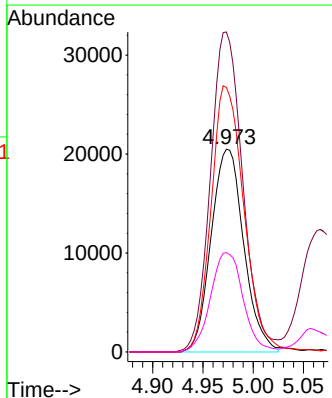
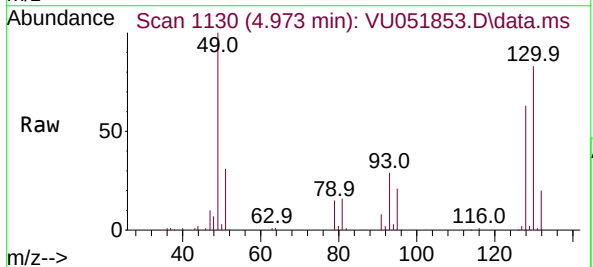
Instrument :
 MSVOA_U
 ClientSampleId :

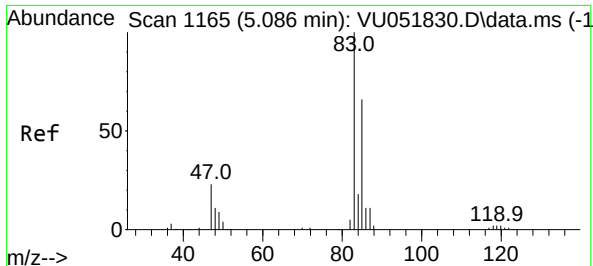
Tgt Ion: 96	Resp:	98782
Ion	Ratio	Lower Upper
96	100	
61	124.2	86.4 160.4
98	65.2	44.2 82.2



#23
 Bromochloromethane
 Concen: 4.941 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051853.D
 Acq: 14 Nov 2022 22:59

Tgt Ion: 128	Resp:	46242
Ion	Ratio	Lower Upper
128	100	
49	157.9	105.5 195.9
130	130.6	93.5 173.7
51	49.1	40.1 60.1





#25

Chloroform

Concen: 5.461 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Instrument :

MSVOA_U

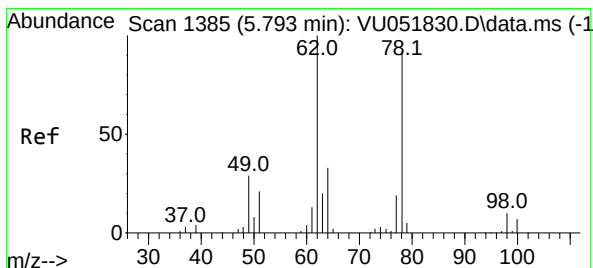
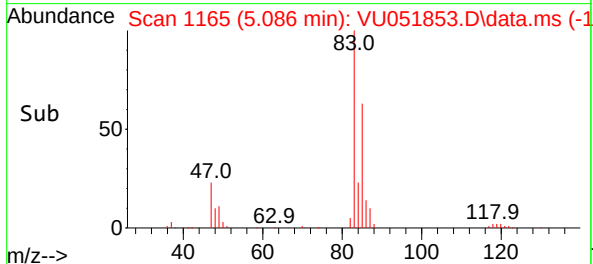
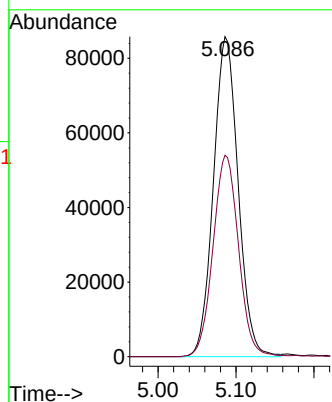
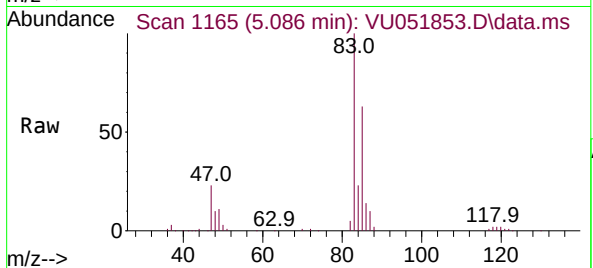
ClientSampleId :

Tgt Ion: 83 Resp: 189009

Ion Ratio Lower Upper

83 100

85 62.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.087 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051853.D

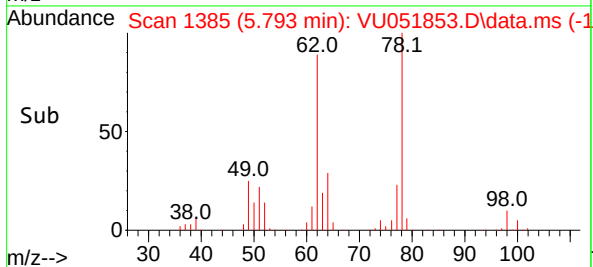
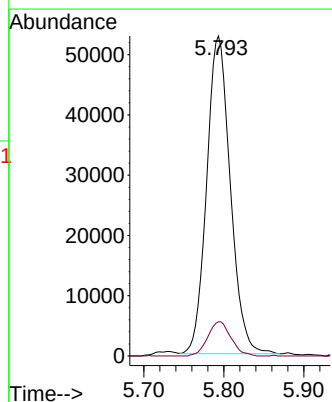
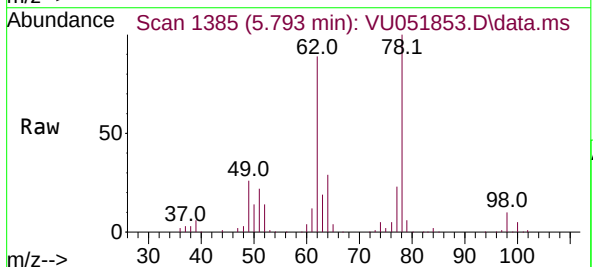
Acq: 14 Nov 2022 22:59

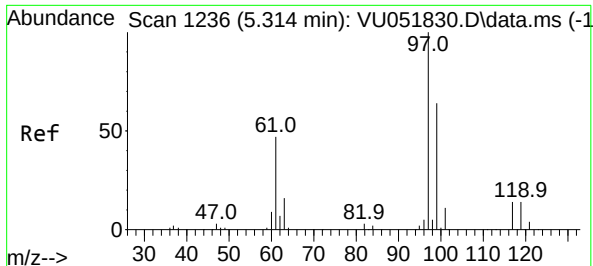
Tgt Ion: 62 Resp: 108356

Ion Ratio Lower Upper

62 100

98 10.7 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.007 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Instrument :

MSVOA_U

ClientSampleId :

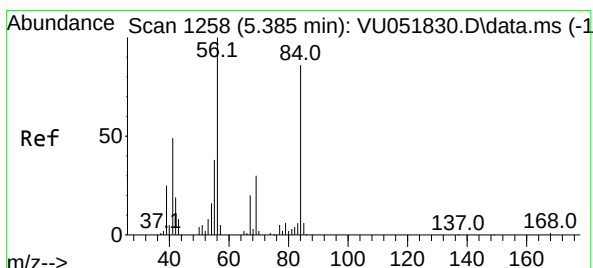
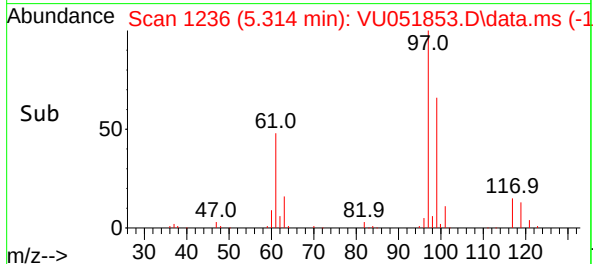
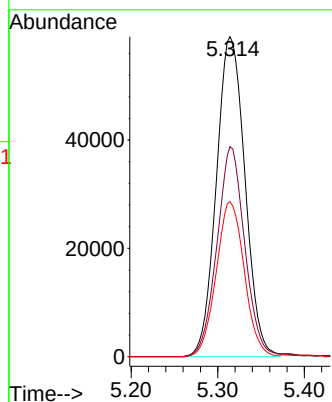
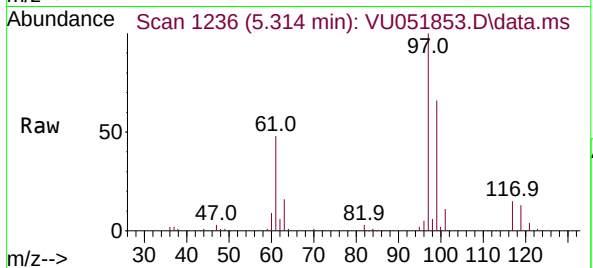
Tgt Ion: 97 Resp: 135674

Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 47.5 37.4 56.0



#30

Cyclohexane

Concen: 3.837 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

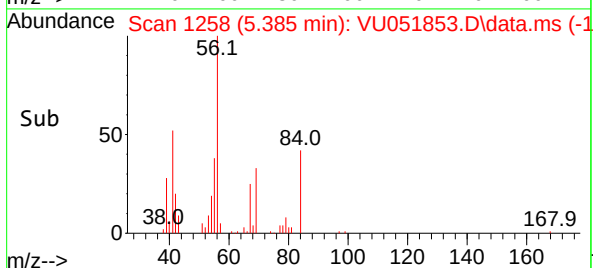
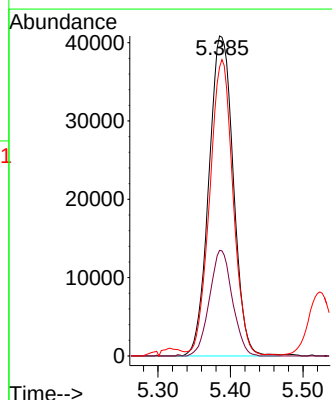
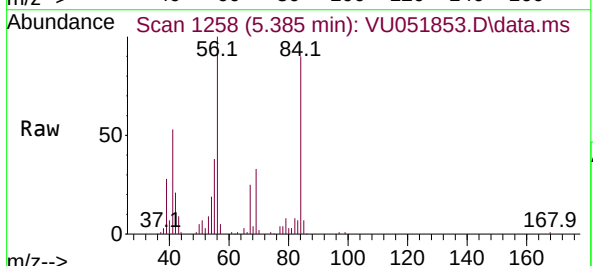
Tgt Ion: 56 Resp: 95737

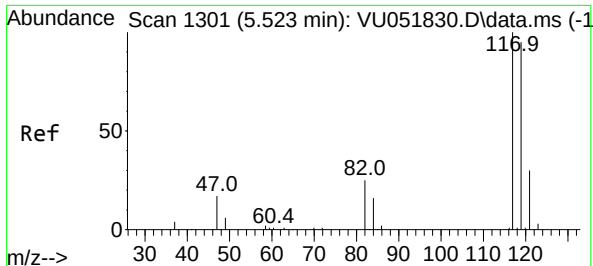
Ion Ratio Lower Upper

56 100

69 30.8 25.4 38.0

84 87.9 71.4 107.0

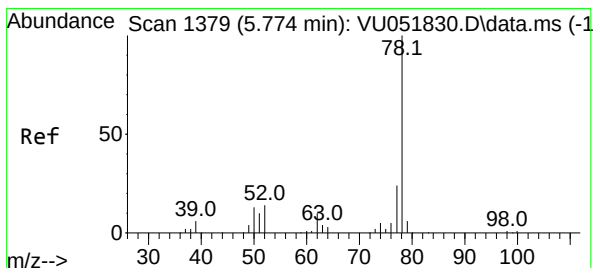
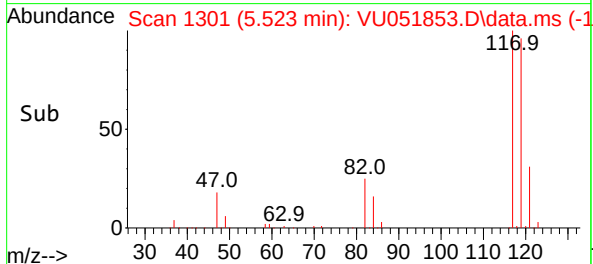
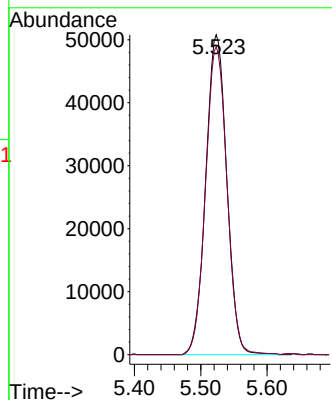
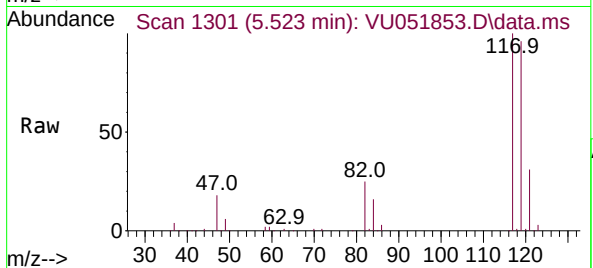




#31
Carbon tetrachloride
Concen: 4.837 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

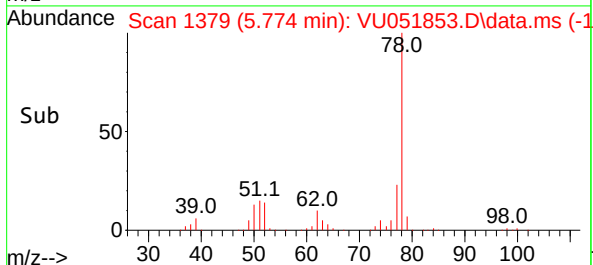
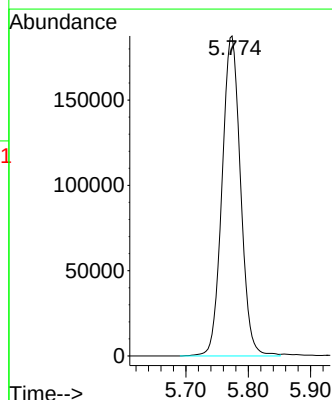
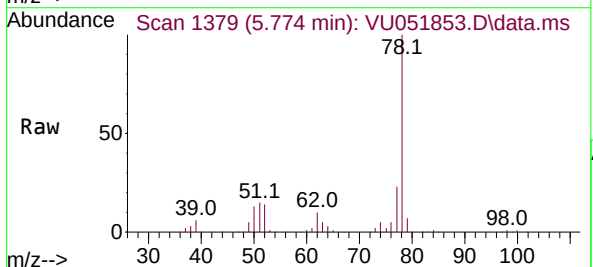
Instrument :
MSVOA_U
ClientSampleId :

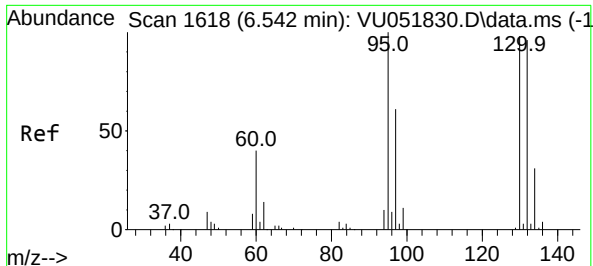
Tgt Ion:117 Resp: 112107
Ion Ratio Lower Upper
117 100
119 97.7 77.5 116.3



#33
Benzene
Concen: 4.910 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

Tgt Ion: 78 Resp: 386711

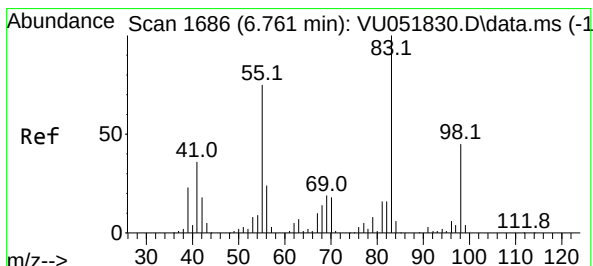
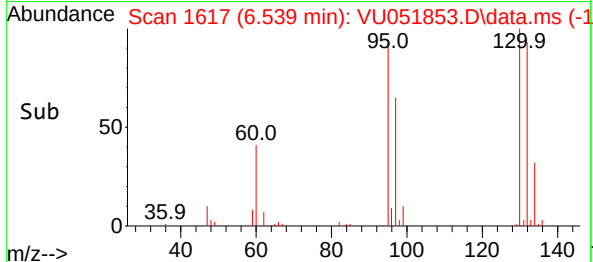
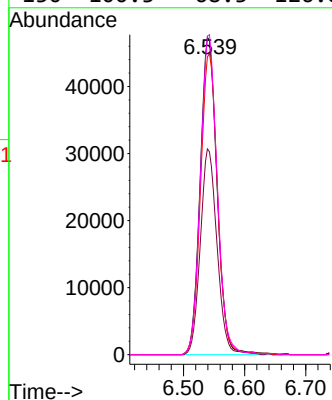
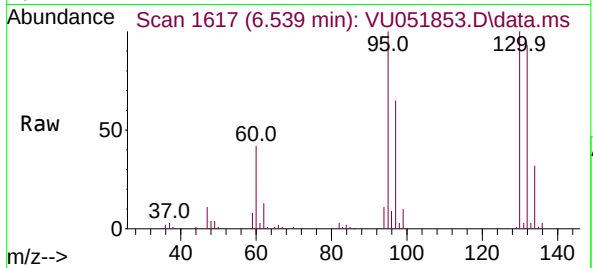




#34
Trichloroethene
Concen: 4.792 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

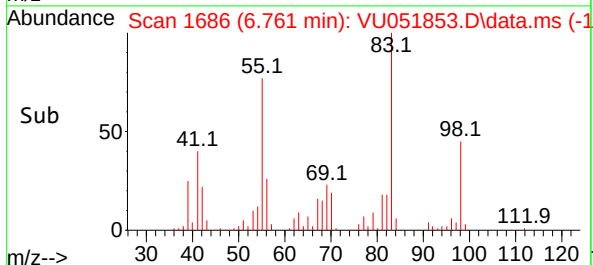
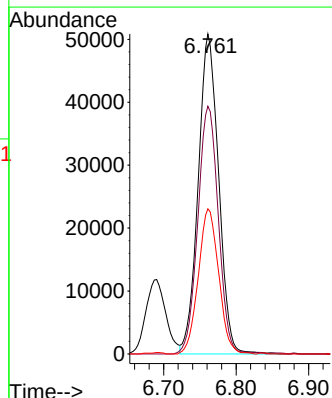
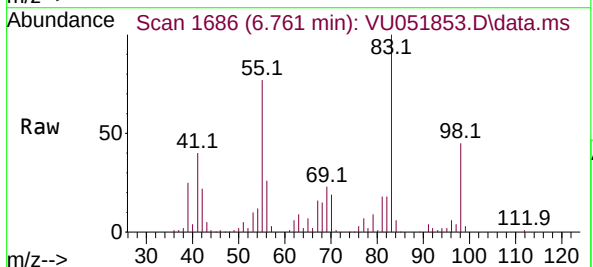
Instrument :
MSVOA_U
ClientSampleId :

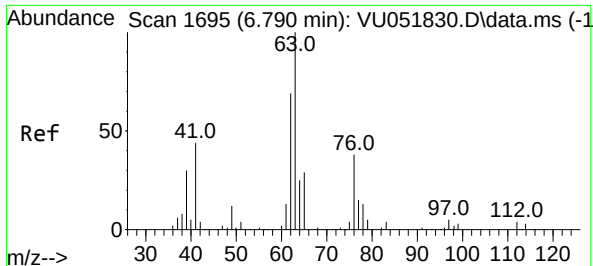
Tgt Ion: 95 Resp: 91088
Ion Ratio Lower Upper
95 100
97 64.8 45.2 84.0
132 93.7 66.5 123.5
130 100.3 68.3 126.8



#35
Methylcyclohexane
Concen: 3.788 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

Tgt Ion: 83 Resp: 99538
Ion Ratio Lower Upper
83 100
55 77.6 60.6 90.8
98 45.2 35.8 53.6

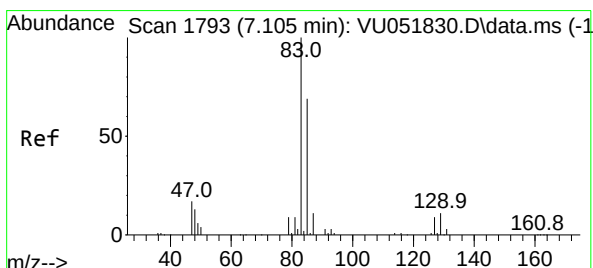
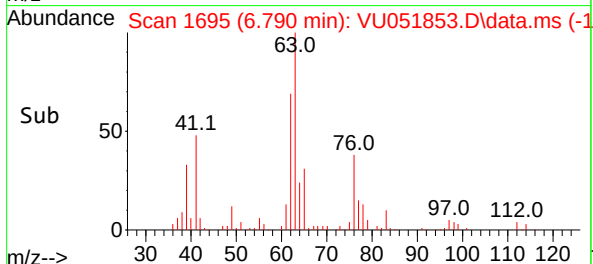
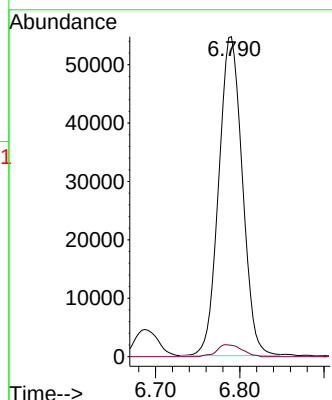
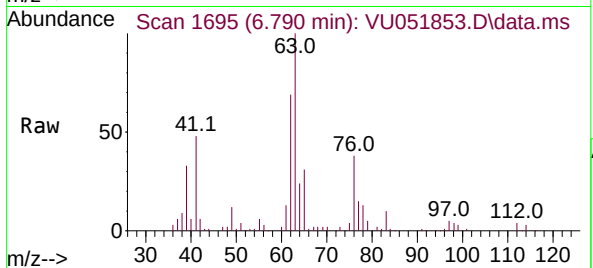




#37
1,2-Dichloropropane
Concen: 5.246 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

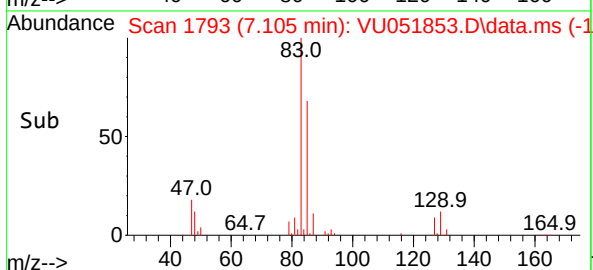
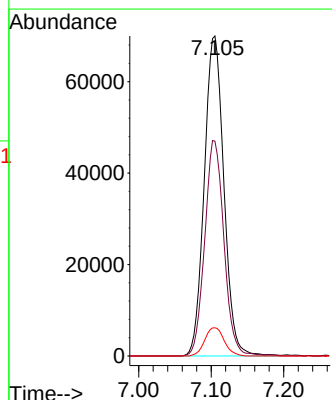
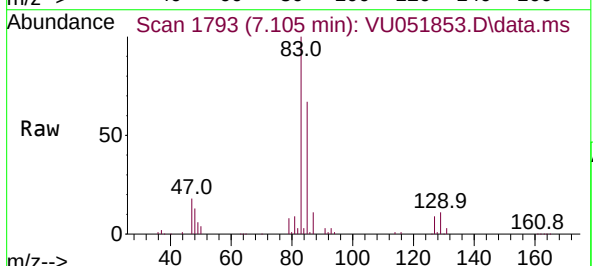
Instrument :
MSVOA_U
ClientSampleId :

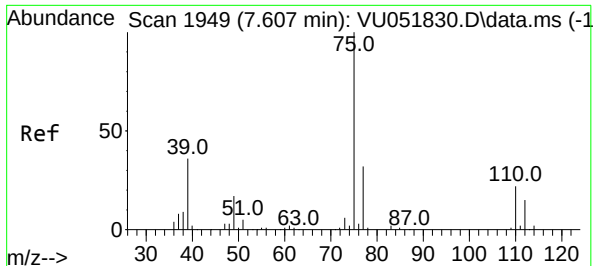
Tgt Ion: 63 Resp: 106262
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 5.321 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

Tgt Ion: 83 Resp: 131656
Ion Ratio Lower Upper
83 100
85 67.1 45.1 83.7
127 8.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.827 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Instrument :

MSVOA_U

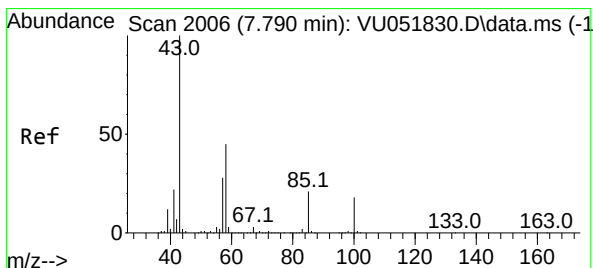
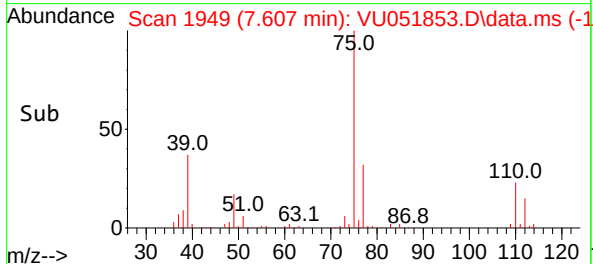
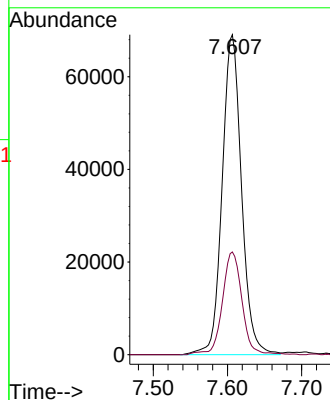
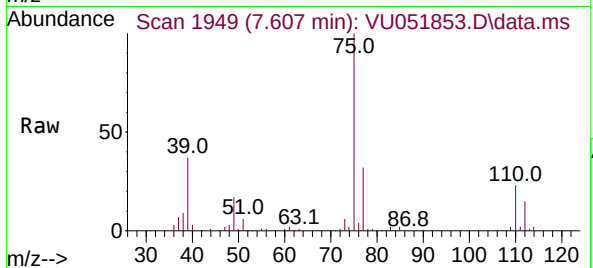
ClientSampleId :

Tgt Ion: 75 Resp: 125447

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 57.069 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

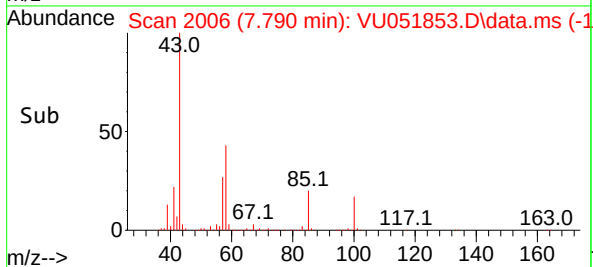
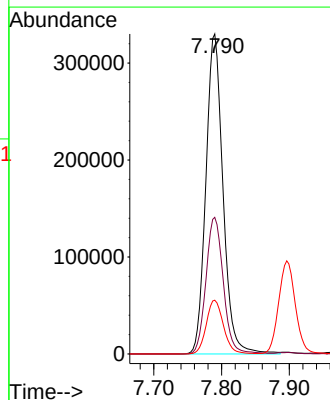
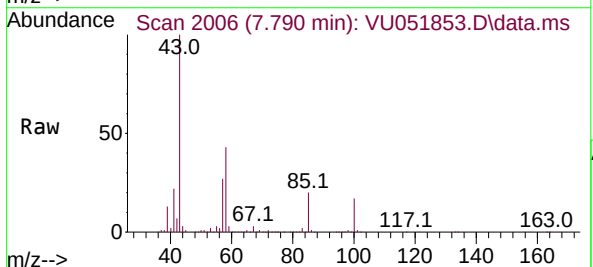
Tgt Ion: 43 Resp: 579850

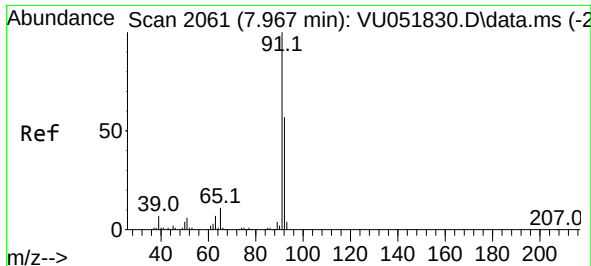
Ion Ratio Lower Upper

43 100

58 43.3 35.0 52.6

100 16.9 13.4 20.0





#42

Toluene

Concen: 5.071 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Instrument :

MSVOA_U

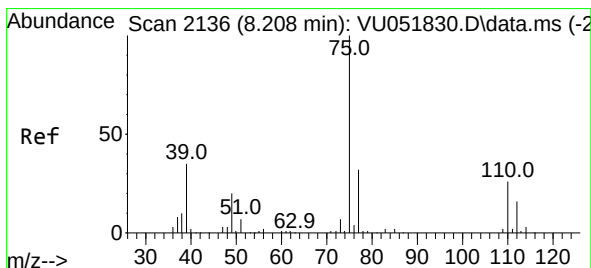
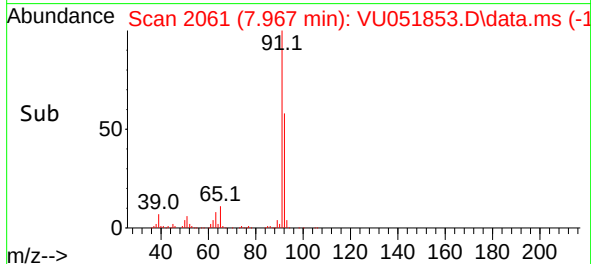
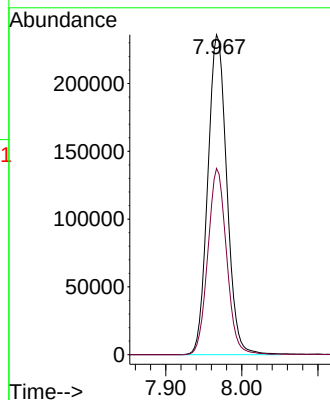
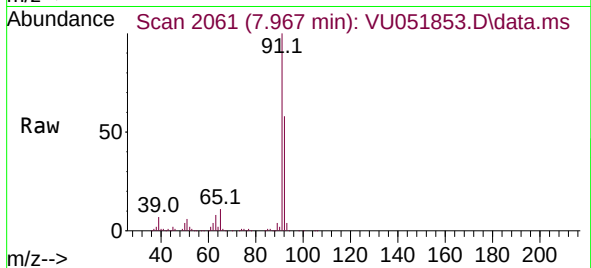
ClientSampleId :

Tgt Ion: 91 Resp: 410180

Ion Ratio Lower Upper

91 100

92 58.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.215 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051853.D

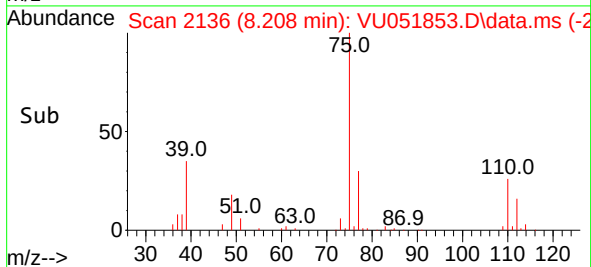
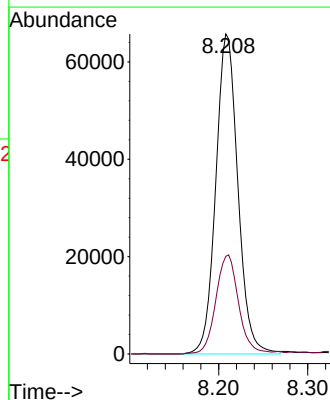
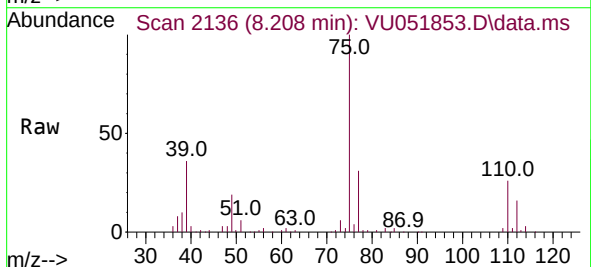
Acq: 14 Nov 2022 22:59

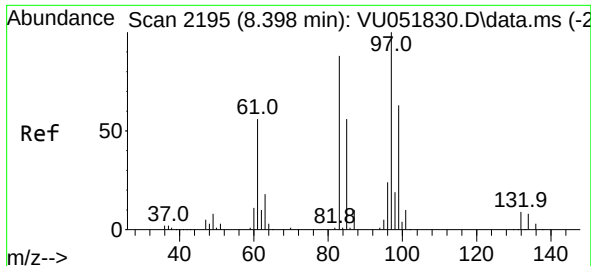
Tgt Ion: 75 Resp: 113265

Ion Ratio Lower Upper

75 100

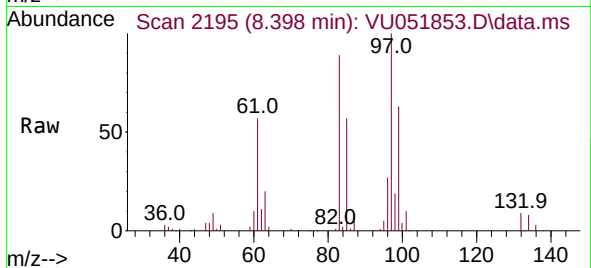
77 30.5 21.8 40.6



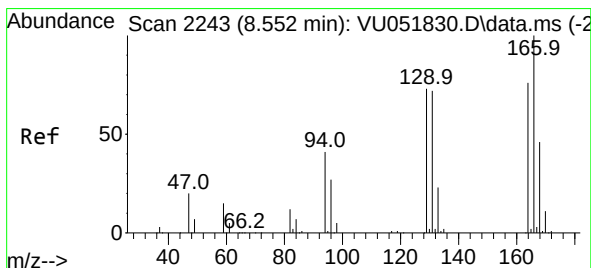
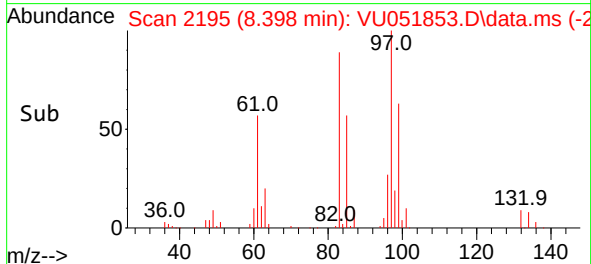
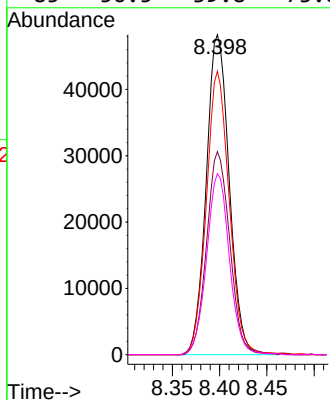


#45
1,1,2-Trichloroethane
Concen: 5.511 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

Instrument :
MSVOA_U
ClientSampleId :

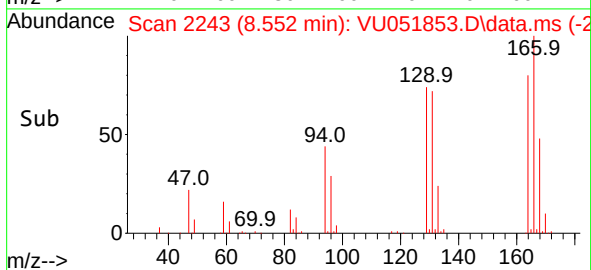
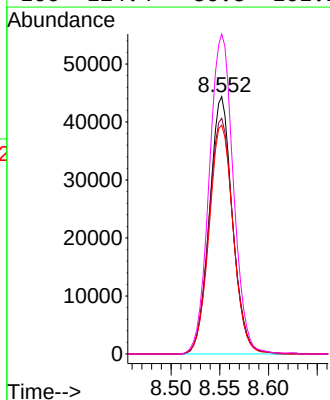
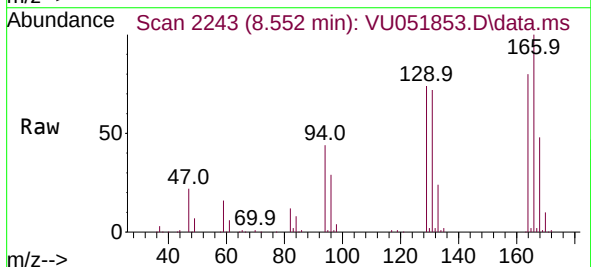


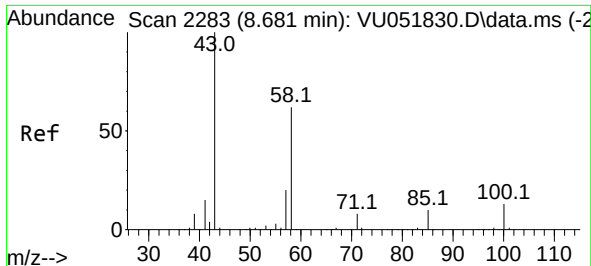
Tgt Ion:	97	Resp:	81801
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.4	80.6
83	88.6	61.3	113.9
85	56.5	39.8	73.8



#47
Tetrachloroethene
Concen: 5.013 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

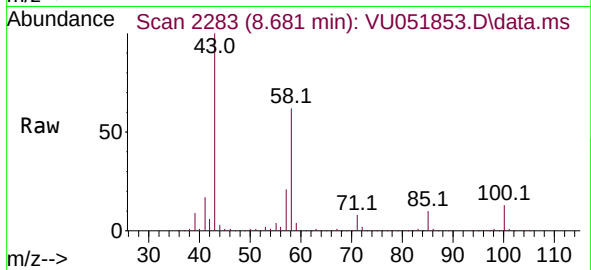
Tgt Ion:	164	Resp:	72973
Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.0	118.8
131	88.9	60.7	112.7
166	124.4	86.8	161.2



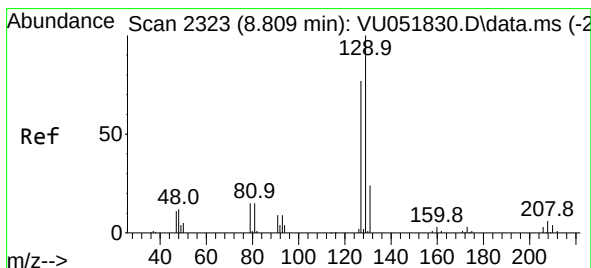
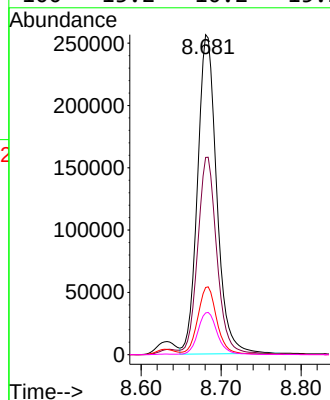
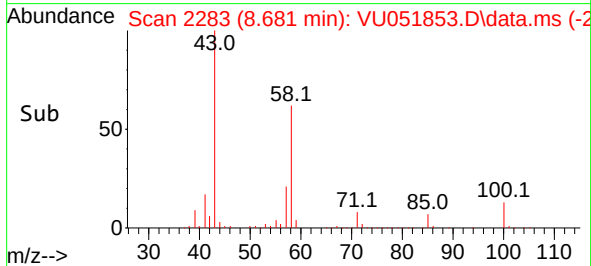


#48
2-Hexanone
Concen: 56.946 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

Instrument :
MSVOA_U
ClientSampleId :

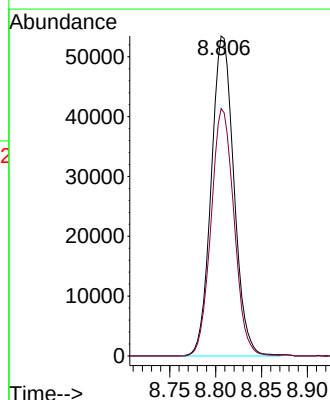
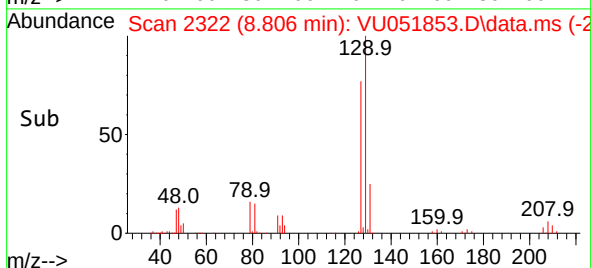
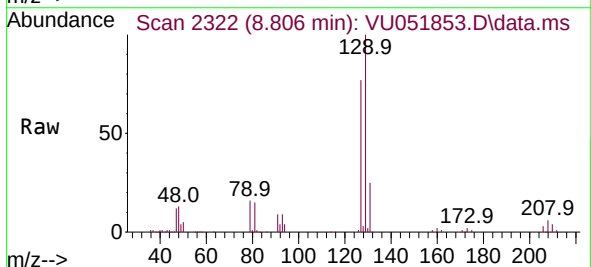


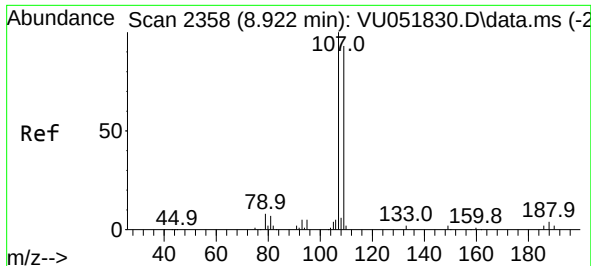
Tgt Ion: 43 Resp: 428274
Ion Ratio Lower Upper
43 100
58 61.8 48.2 72.2
57 21.4 16.6 25.0
100 13.2 10.2 15.2



#49
Dibromochloromethane
Concen: 5.427 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

Tgt Ion: 129 Resp: 92028
Ion Ratio Lower Upper
129 100
127 77.3 54.8 101.8





#50

1,2-Dibromoethane

Concen: 5.323 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Instrument :

MSVOA_U

ClientSampleId :

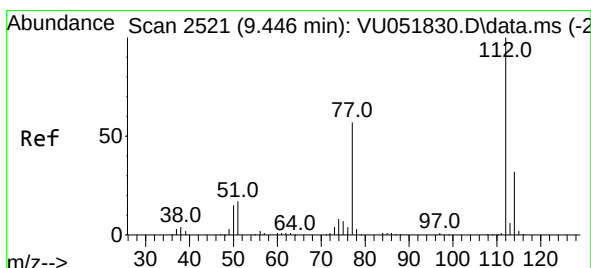
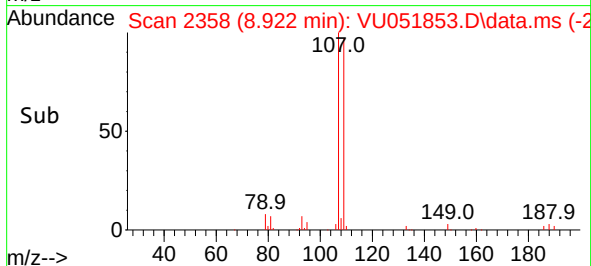
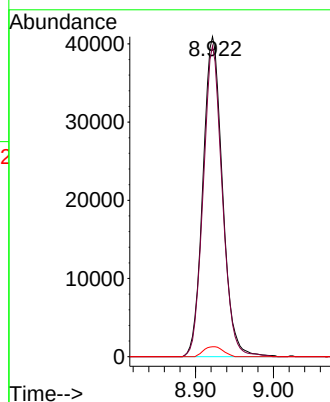
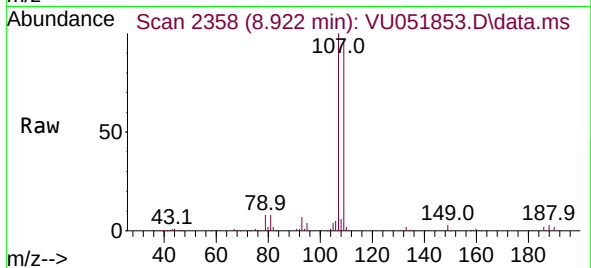
Tgt Ion:107 Resp: 71293

Ion Ratio Lower Upper

107 100

109 97.1 63.0 117.0

188 3.1 3.0 4.4



#51

Chlorobenzene

Concen: 5.063 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

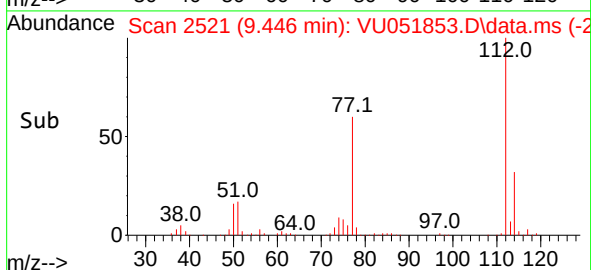
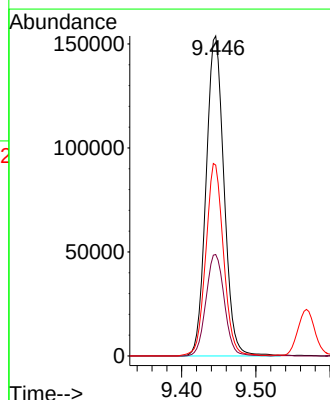
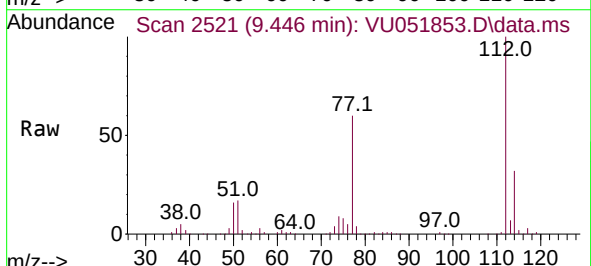
Tgt Ion:112 Resp: 257758

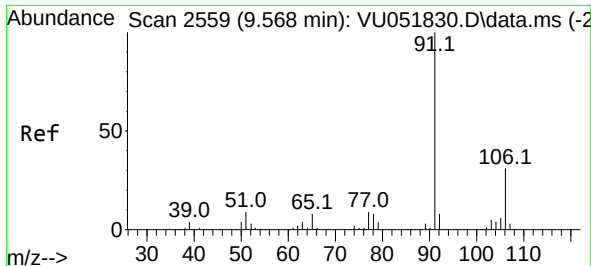
Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 59.7 46.7 70.1





#52

Ethylbenzene

Concen: 4.921 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Instrument :

MSVOA_U

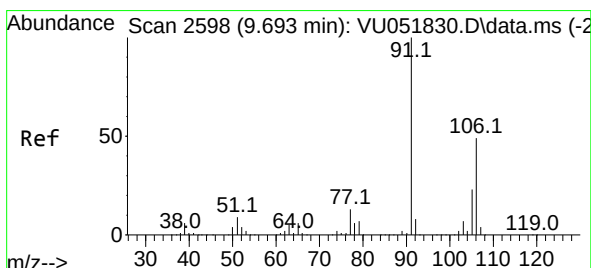
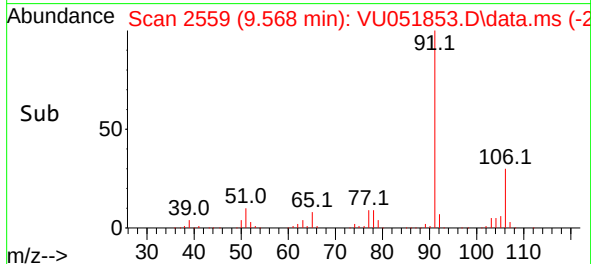
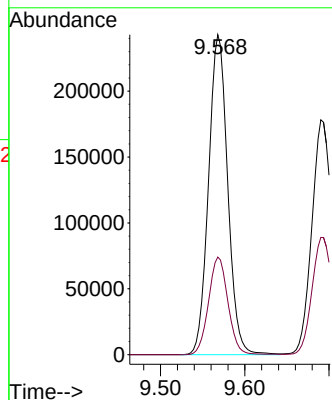
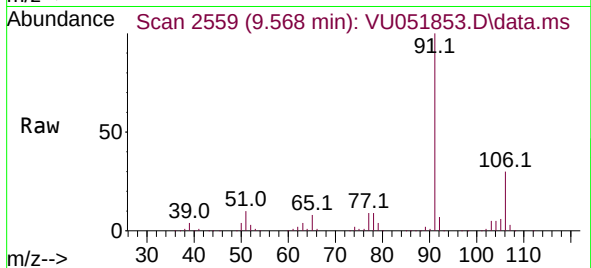
ClientSampleId :

Tgt Ion: 91 Resp: 384028

Ion Ratio Lower Upper

91 100

106 30.5 21.8 40.6



#53

m,p-Xylene

Concen: 4.993 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.003 min

Lab File: VU051853.D

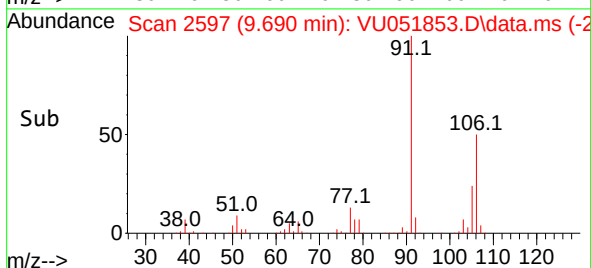
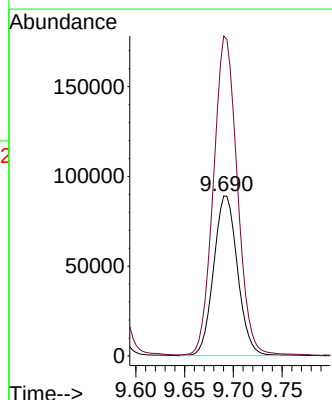
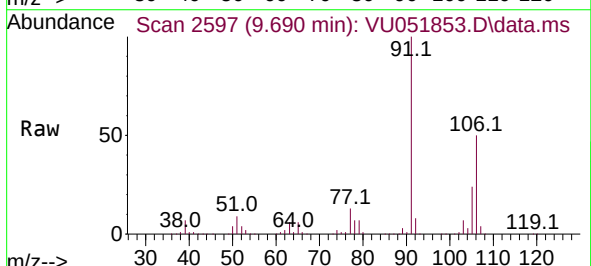
Acq: 14 Nov 2022 22:59

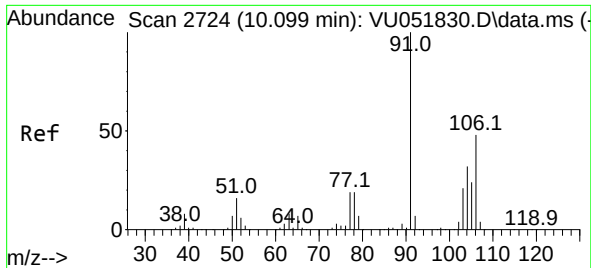
Tgt Ion: 106 Resp: 151357

Ion Ratio Lower Upper

106 100

91 200.1 139.4 259.0

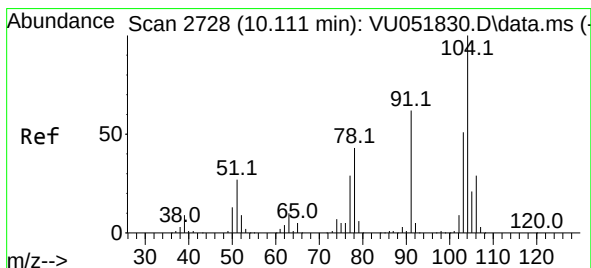
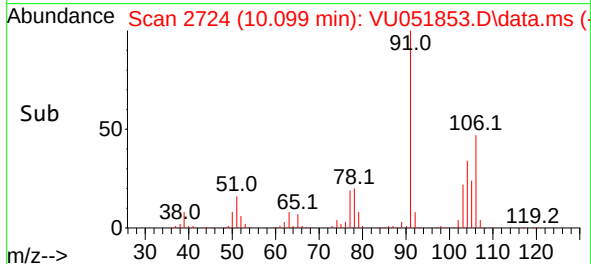
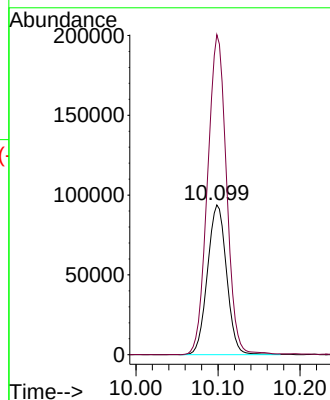
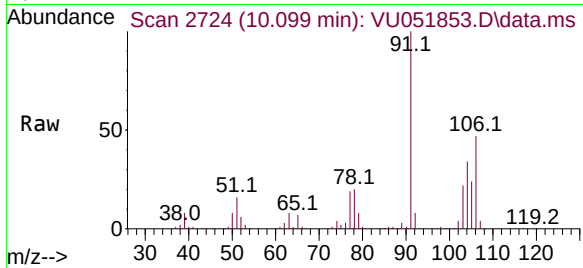




#54
o-Xylene
Concen: 5.145 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

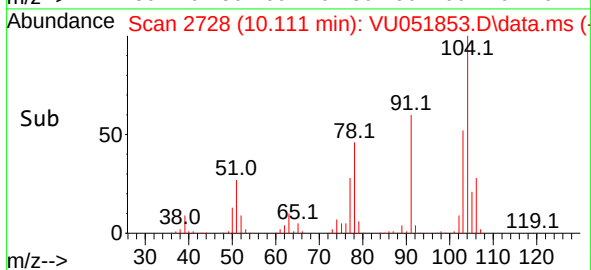
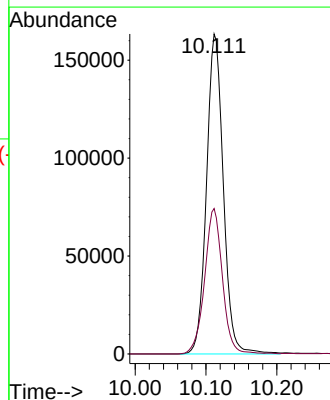
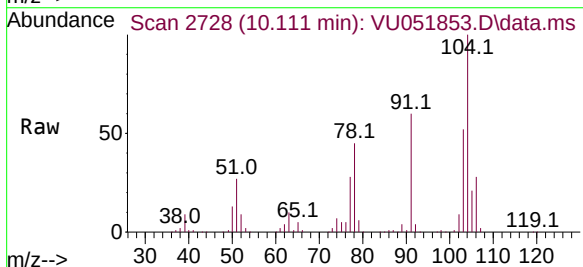
Instrument :
MSVOA_U
ClientSampleId :

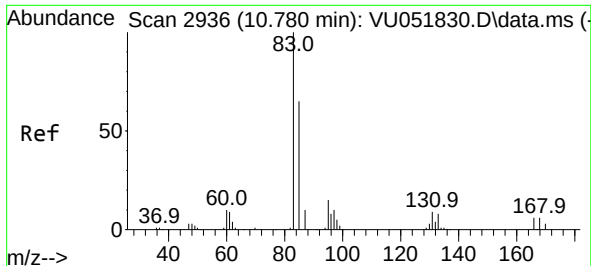
Tgt Ion:106 Resp: 152428
Ion Ratio Lower Upper
106 100
91 213.7 149.2 277.2



#55
Styrene
Concen: 5.443 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

Tgt Ion:104 Resp: 269613
Ion Ratio Lower Upper
104 100
78 45.5 31.8 59.0





#57

1,1,2-Tetrachloroethane

Concen: 5.836 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Instrument :

MSVOA_U

ClientSampleId :

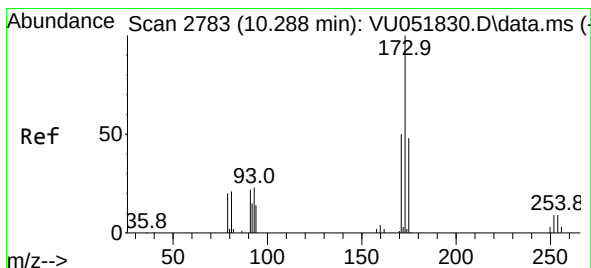
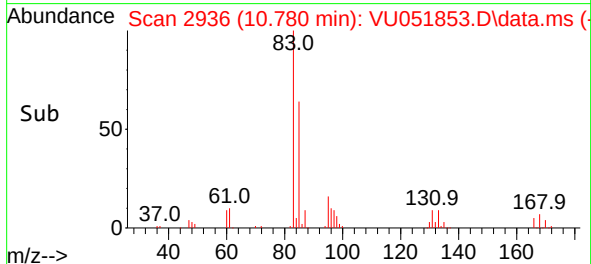
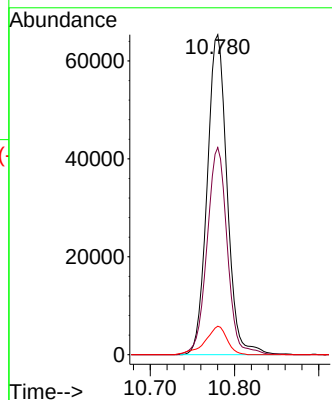
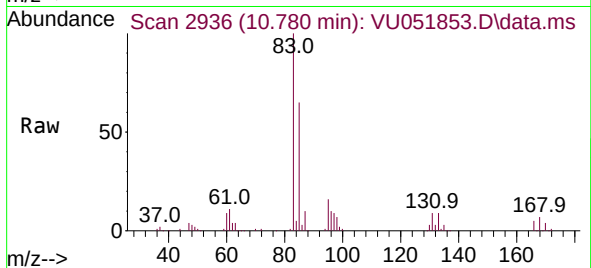
Tgt Ion: 83 Resp: 107418

Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.5

131 8.9 7.8 11.8



#59

Bromoform

Concen: 5.943 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

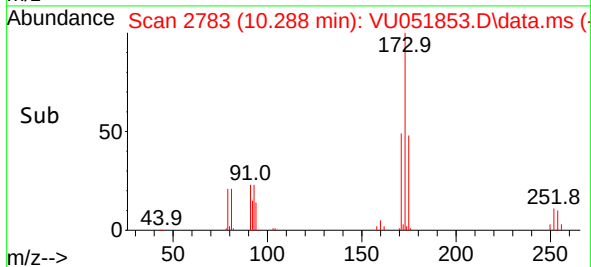
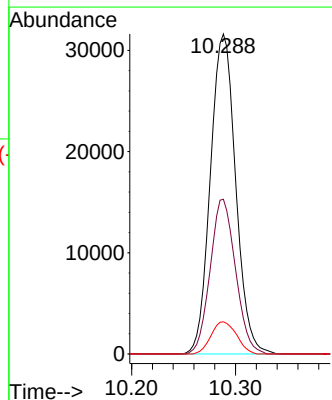
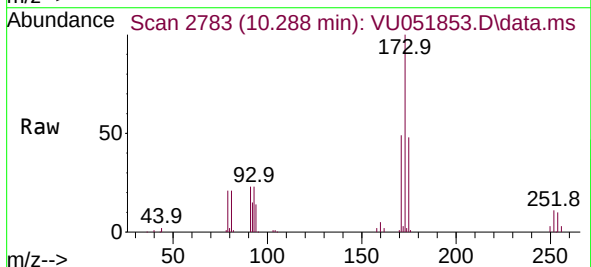
Tgt Ion:173 Resp: 53367

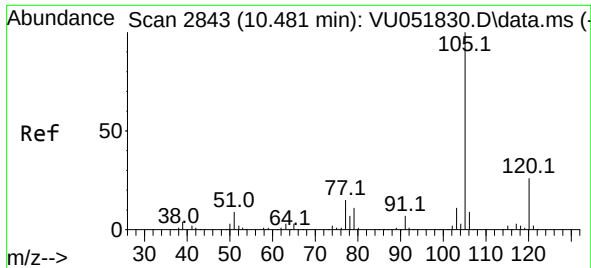
Ion Ratio Lower Upper

173 100

175 48.5 38.7 58.1

254 10.1 7.3 10.9

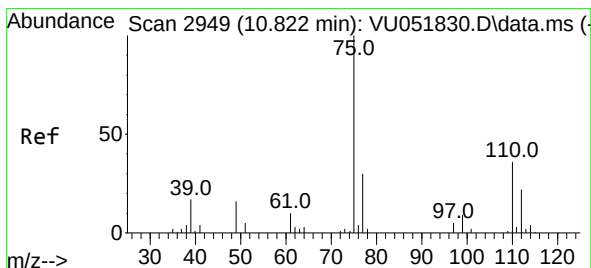
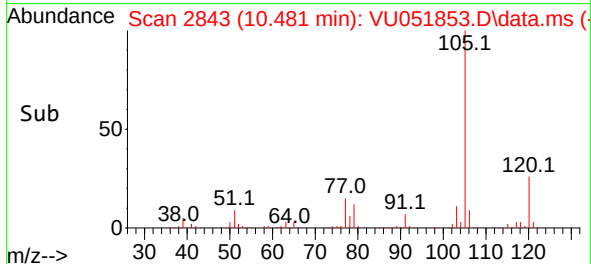
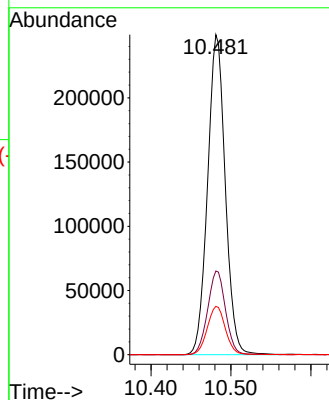
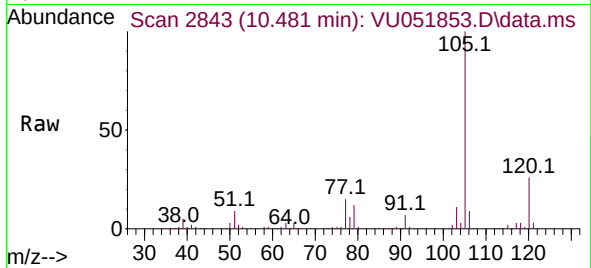




#60
Isopropylbenzene
Concen: 5.404 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

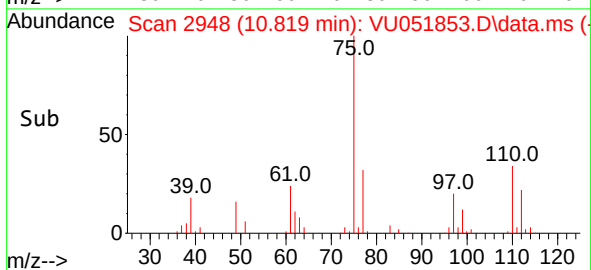
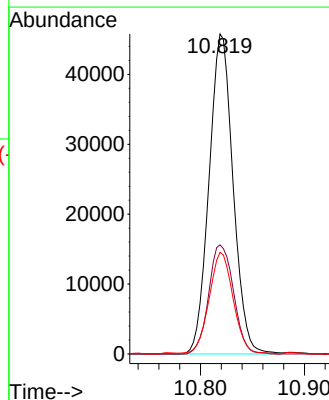
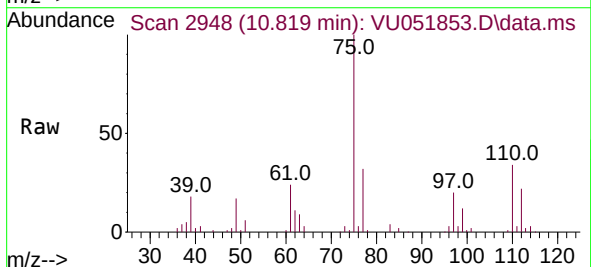
Instrument :
MSVOA_U
ClientSampleId :

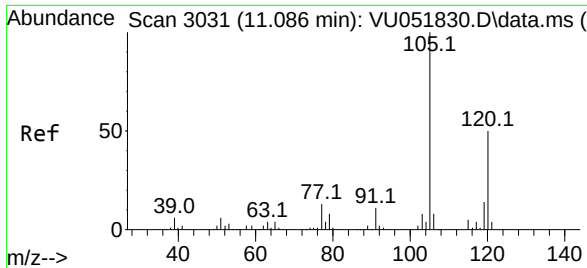
Tgt Ion:105 Resp: 383425
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.5 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.846 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

Tgt Ion: 75 Resp: 73474
Ion Ratio Lower Upper
75 100
110 35.3 28.7 43.1
77 31.9 26.1 39.1

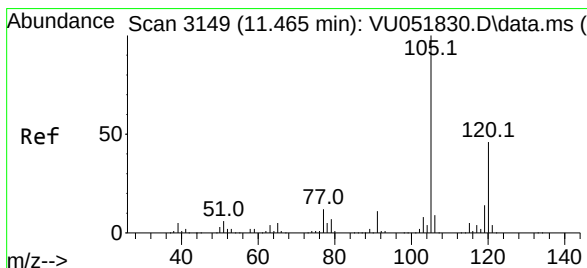
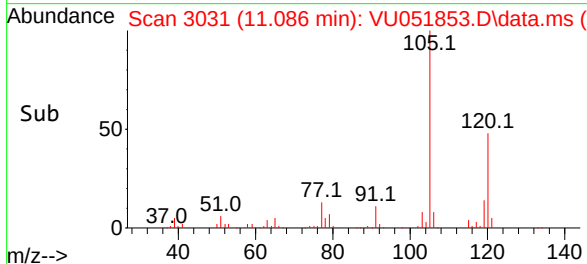
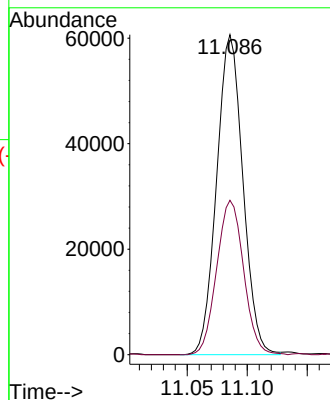
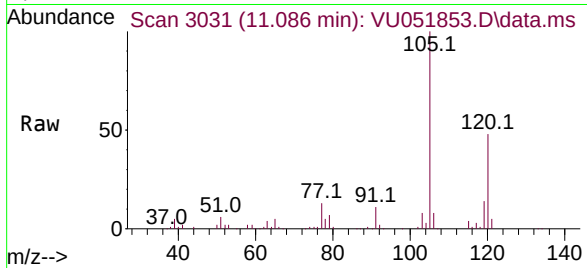




#62
 1,3,5-Trimethylbenzene
 Concen: 4.829 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051853.D
 Acq: 14 Nov 2022 22:59

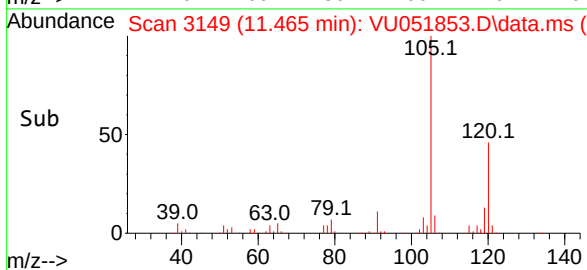
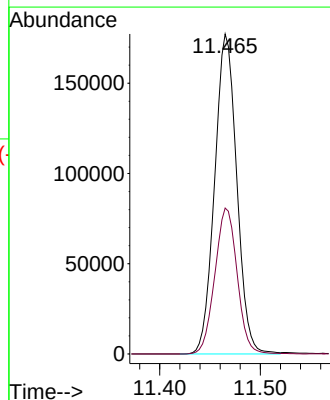
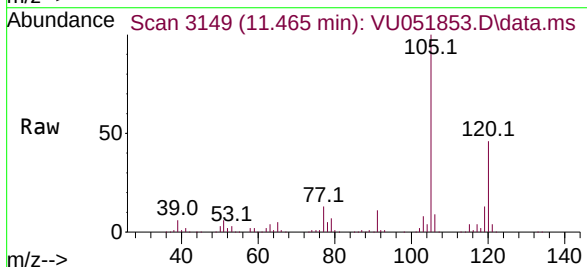
Instrument :
 MSVOA_U
 ClientSampleId :

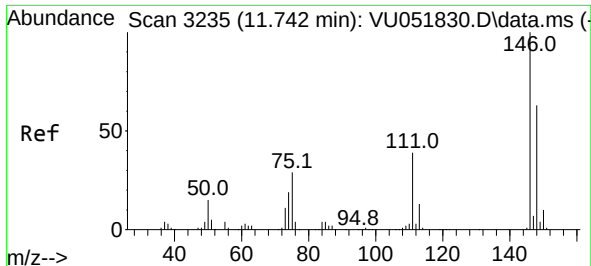
Tgt Ion:105 Resp: 92252
 Ion Ratio Lower Upper
 105 100
 120 49.5 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.914 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU051853.D
 Acq: 14 Nov 2022 22:59

Tgt Ion:105 Resp: 270644
 Ion Ratio Lower Upper
 105 100
 120 46.0 35.8 53.6

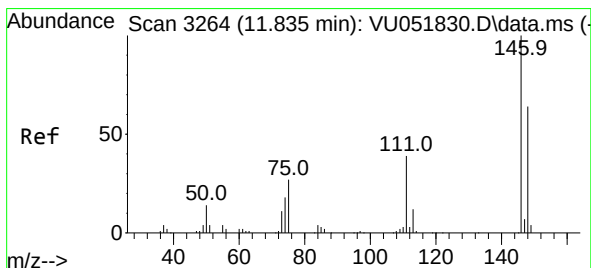
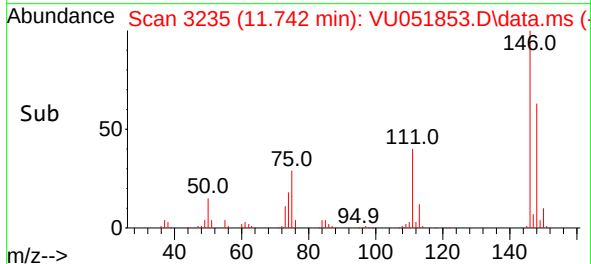
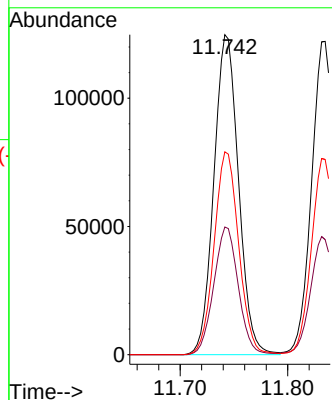
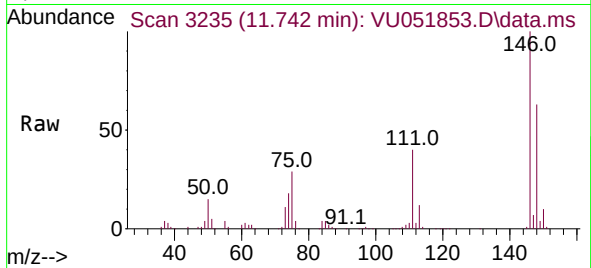




#64
1,3-Dichlorobenzene
Concen: 5.623 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

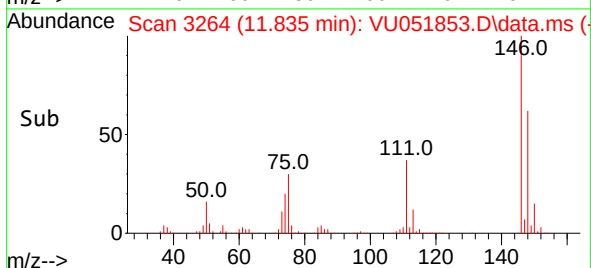
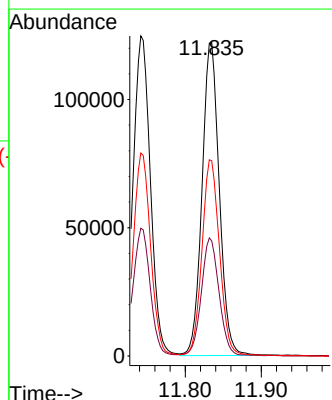
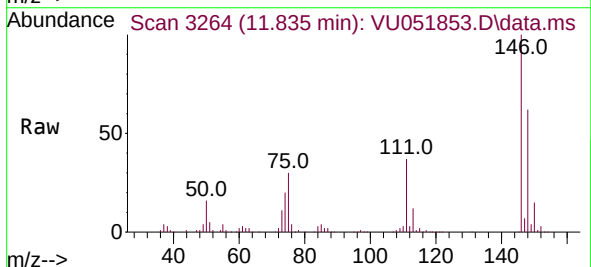
Instrument :
MSVOA_U
ClientSampleId :

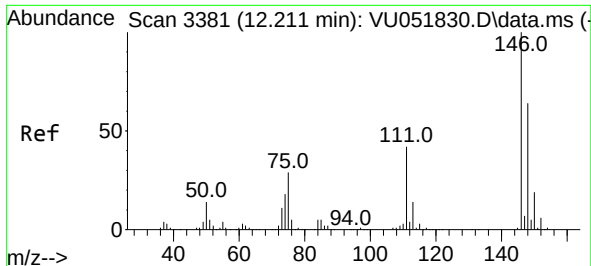
Tgt Ion:146 Resp: 198640
Ion Ratio Lower Upper
146 100
111 39.9 28.6 53.2
148 63.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.449 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051853.D
Acq: 14 Nov 2022 22:59

Tgt Ion:146 Resp: 192990
Ion Ratio Lower Upper
146 100
111 36.7 26.7 49.5
148 62.3 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.611 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Instrument :

MSVOA_U

ClientSampleId :

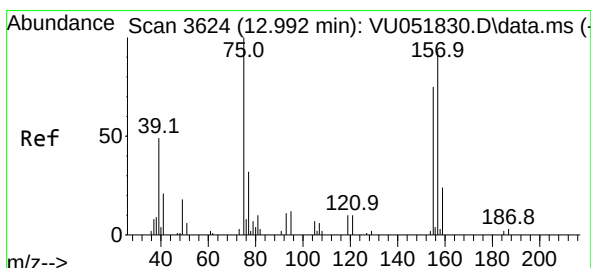
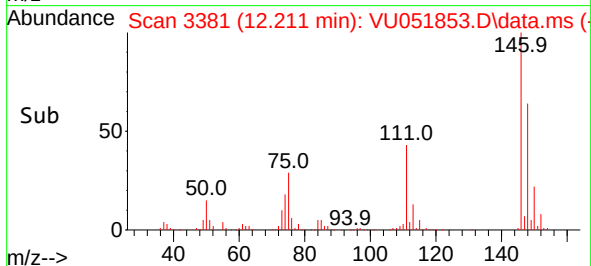
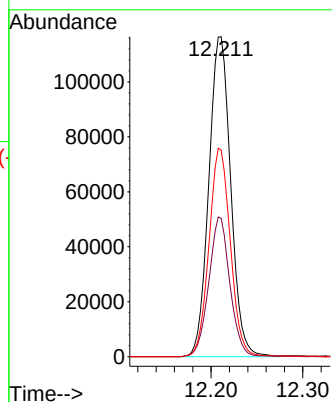
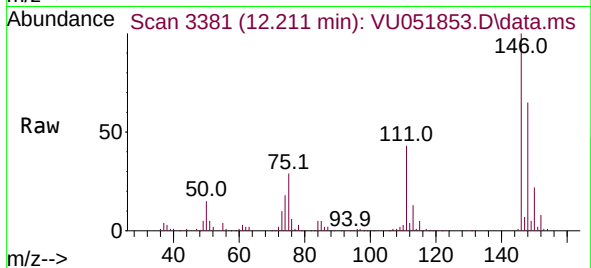
Tgt Ion:146 Resp: 193065

Ion Ratio Lower Upper

146 100

111 43.3 34.2 51.2

148 64.5 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.555 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

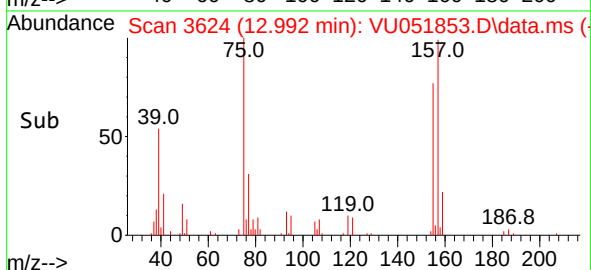
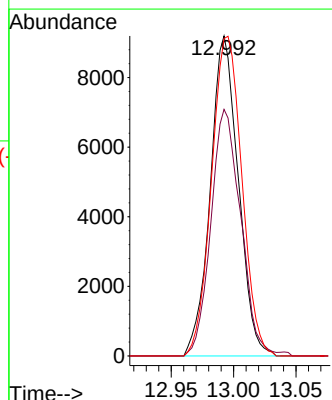
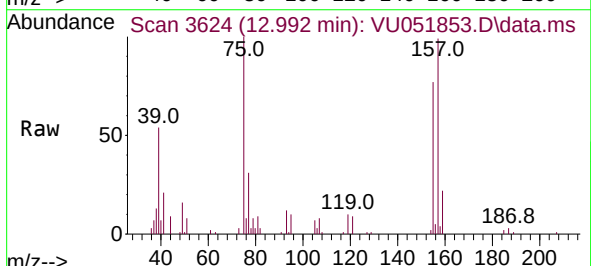
Tgt Ion: 75 Resp: 14376

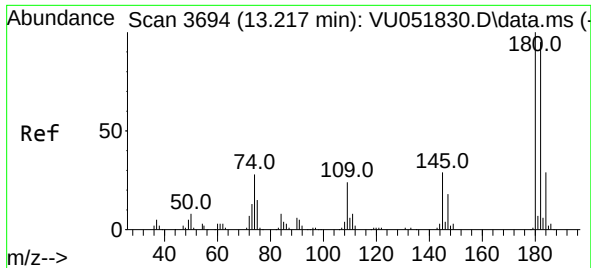
Ion Ratio Lower Upper

75 100

155 77.1 61.4 92.2

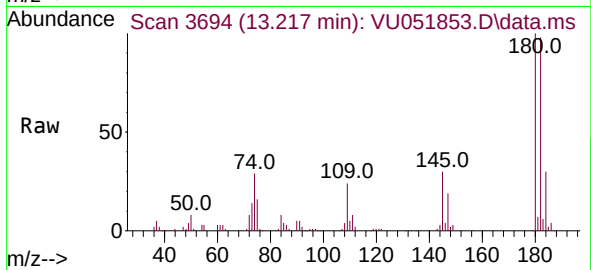
157 99.2 86.7 130.1



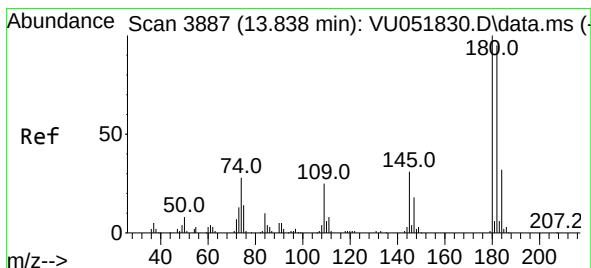
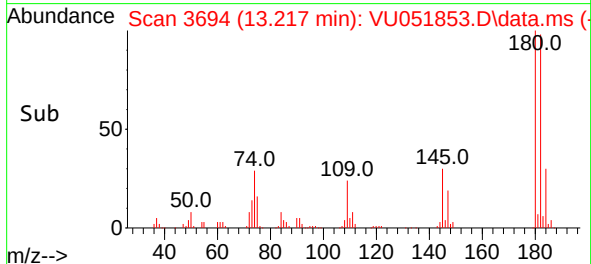
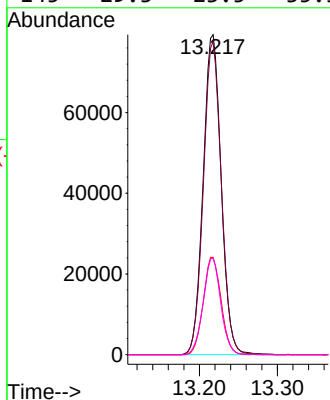


#69
 1,3,5-Trichlorobenzene
 Concen: 5.061 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VU051853.D
 Acq: 14 Nov 2022 22:59

Instrument :
 MSVOA_U
 ClientSampleId :

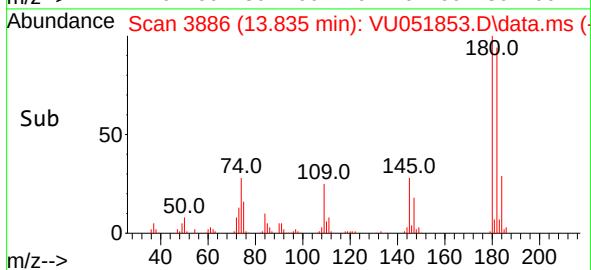
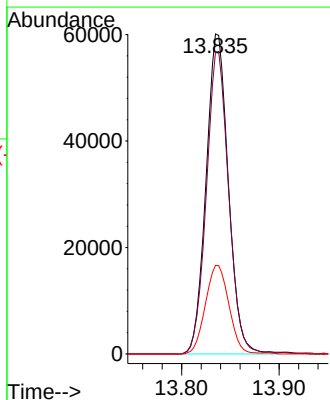
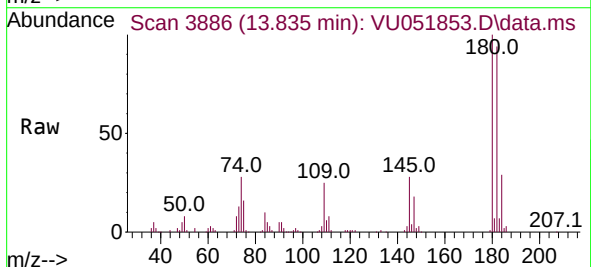


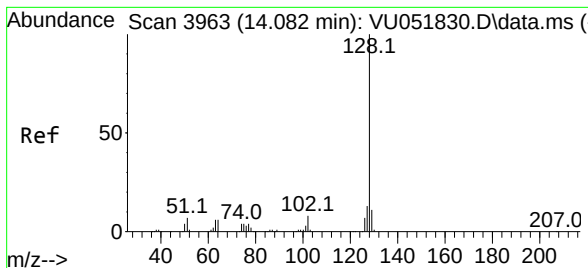
Tgt Ion:180 Resp: 127421
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.0 115.6
 184 30.1 23.7 35.5
 145 29.3 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.950 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.003 min
 Lab File: VU051853.D
 Acq: 14 Nov 2022 22:59

Tgt Ion:180 Resp: 95678
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.8 116.6
 145 29.1 25.0 37.6





#71

Naphthalene

Concen: 4.548 ug/L

RT: 14.082 min Scan# 3963

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Instrument :

MSVOA_U

ClientSampleId :

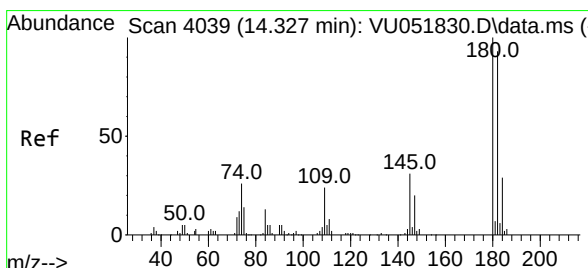
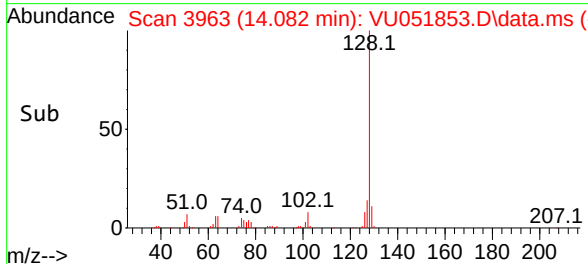
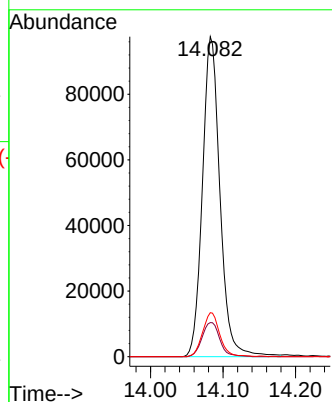
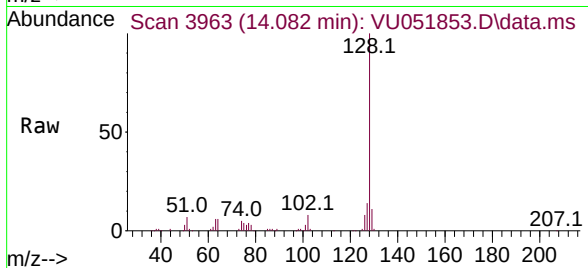
Tgt Ion:128 Resp: 164109

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 13.5 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.863 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU051853.D

Acq: 14 Nov 2022 22:59

Tgt Ion:180 Resp: 94920

Ion Ratio Lower Upper

180 100

182 97.5 76.1 114.1

145 32.3 25.6 38.4

