

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052023.D
 Acq On : 22 Nov 2022 03:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 03:24:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	462243	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	447710	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	220748	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	189772	47.376	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.760%
7) Chloroethane-d5	1.903	69	158492	49.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.920%
11) 1,1-Dichloroethene-d2	2.565	63	288255	48.548	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.100%
21) 2-Butanone-d5	4.616	46	256245	106.454	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.450%
24) Chloroform-d	5.060	84	331971	50.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.160%
26) 1,2-Dichloroethane-d4	5.700	65	199366	50.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.020%
32) Benzene-d6	5.726	84	696388	52.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.360%
36) 1,2-Dichloropropane-d6	6.687	67	220046	51.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.660%
41) Toluene-d8	7.896	98	628055	52.676	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.360%
43) trans-1,3-Dichloroprop...	8.176	79	94164	51.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.200%
47) 2-Hexanone-d5	8.629	63	189650	113.401	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.400%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	354630	52.286	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.580%
66) 1,2-Dichlorobenzene-d4	12.188	152	229627	50.302	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	119486	48.153	ug/L	100
3) Chloromethane	1.523	50	174874	49.176	ug/L	98
5) Vinyl chloride	1.604	62	183644	50.297	ug/L	100
6) Bromomethane	1.842	94	97026	52.943	ug/L	97
8) Chloroethane	1.925	64	121702	50.832	ug/L	99
9) Trichlorofluoromethane	2.134	101	214467	49.135	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	137101	48.919	ug/L	99
12) 1,1-Dichloroethene	2.578	96	135121	50.483	ug/L	98
13) Acetone	2.620	43	162142	73.738	ug/L	100
14) Carbon disulfide	2.793	76	334099	49.364	ug/L	99
15) Methyl Acetate	2.944	43	186141	53.023	ug/L	100
16) Methylene chloride	3.044	84	205897	50.507	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	146787	51.544	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	495328	53.548	ug/L	100
19) 1,1-Dichloroethane	3.864	63	306662	52.341	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	182267	53.309	ug/L	96
22) 2-Butanone	4.697	43	270432	98.638	ug/L	99
23) Bromochloromethane	4.970	128	96969	52.688	ug/L	97
25) Chloroform	5.086	83	315989	52.269	ug/L	97

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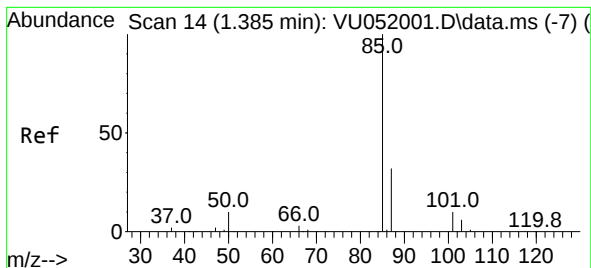
Quant Time: Nov 22 03:24:59 2022
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 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	231105	50.957	ug/L	100
29) Cyclohexane	5.388	56	207612	52.880	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	236656	51.545	ug/L	99
31) Carbon tetrachloride	5.523	117	191131	51.419	ug/L	98
33) Benzene	5.771	78	708534	53.420	ug/L	100
34) Trichloroethene	6.539	95	161526	52.195	ug/L	97
35) Methylcyclohexane	6.761	83	212597	50.125	ug/L	99
37) 1,2-Dichloropropane	6.787	63	196555	53.047	ug/L	100
38) Bromodichloromethane	7.102	83	240975	52.675	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	263396	52.569	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	531515	112.783	ug/L	99
42) Toluene	7.967	91	751642	54.842	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	246158	52.524	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	192968	52.829	ug/L	99
46) Tetrachloroethene	8.552	164	117381	50.277	ug/L	100
48) 2-Hexanone	8.681	43	423253	108.529	ug/L	98
49) Dibromochloromethane	8.806	129	192616	51.888	ug/L	100
50) 1,2-Dibromoethane	8.922	107	195880	53.393	ug/L	99
51) Chlorobenzene	9.443	112	470761	52.205	ug/L	98
52) Ethylbenzene	9.568	91	751816	53.875	ug/L	98
53) m,p-Xylene	9.690	106	298353	55.335	ug/L	98
54) o-Xylene	10.098	106	302375	55.427	ug/L	95
55) Styrene	10.111	104	522770	56.563	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	362266	54.502	ug/L	100
59) Bromoform	10.288	173	147067	51.441	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	274297	53.513	ug/L	99
61) Isopropylbenzene	10.481	105	744526	55.274	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	604100	56.135	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	598317	57.052	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	348296	53.341	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	343575	51.640	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	372312	54.420	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	66480	52.642	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	223157	51.193	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	181927	51.954	ug/L	97
71) Naphthalene	14.082	128	690763	60.592	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	213900	56.384	ug/L	99

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

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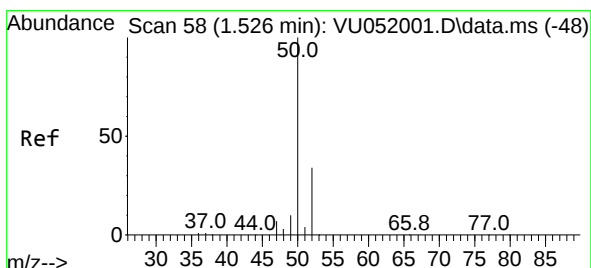
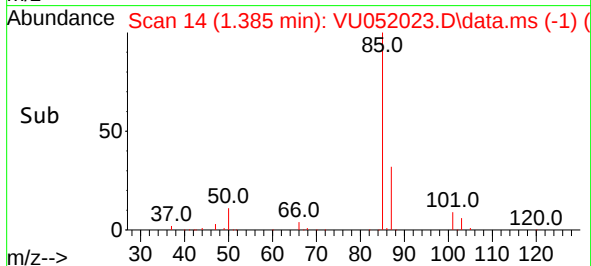
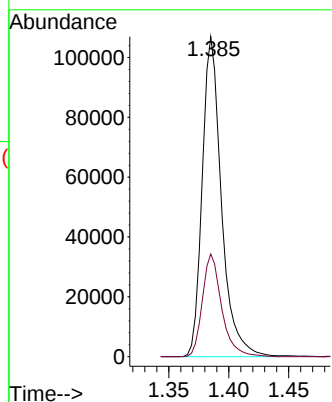
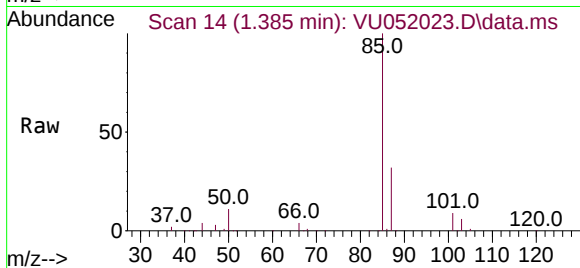




#2
Dichlorodifluoromethane
Concen: 48.153 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

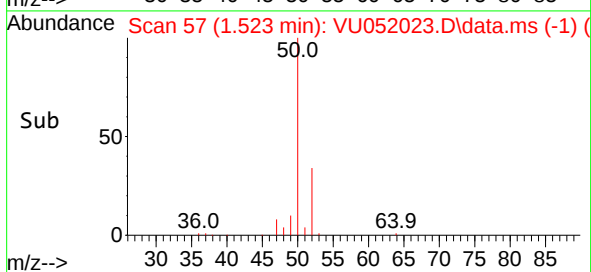
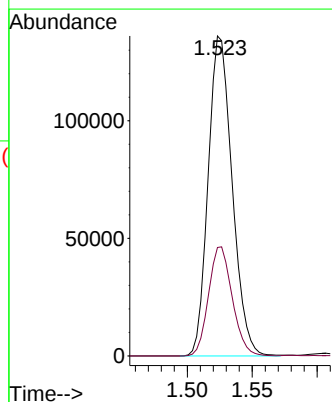
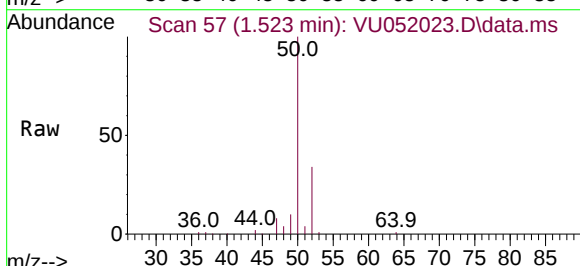
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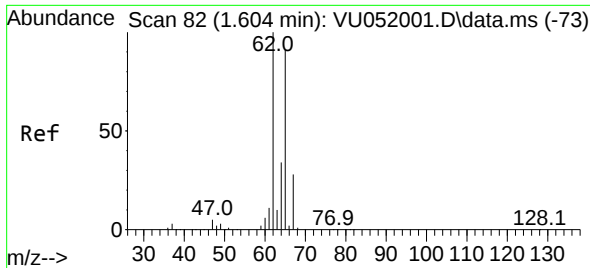
Tgt Ion: 85 Resp: 119486
Ion Ratio Lower Upper
85 100
87 32.1 25.9 38.9



#3
Chloromethane
Concen: 49.176 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

Tgt Ion: 50 Resp: 174874
Ion Ratio Lower Upper
50 100
52 33.9 23.1 42.9

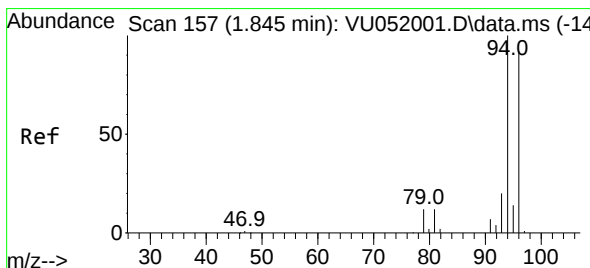
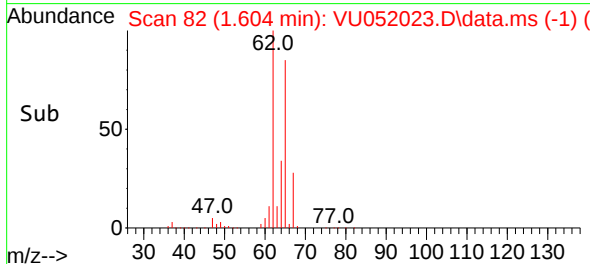
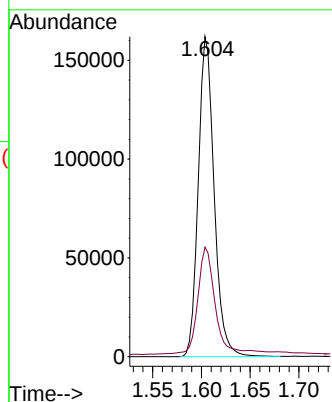
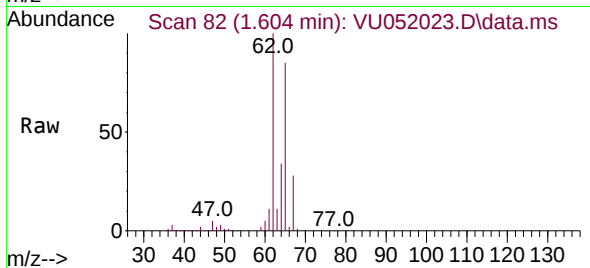




#5
 Vinyl chloride
 Concen: 50.297 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052023.D
 Acq: 22 Nov 2022 03:10

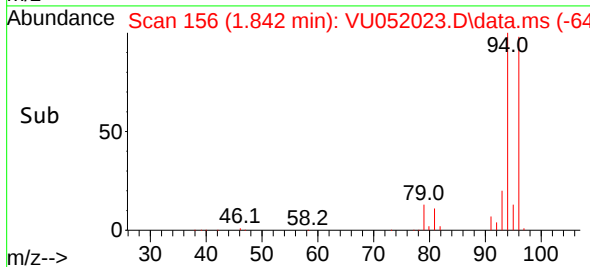
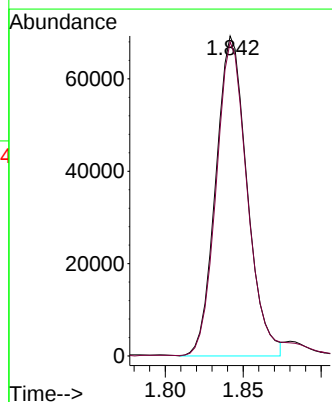
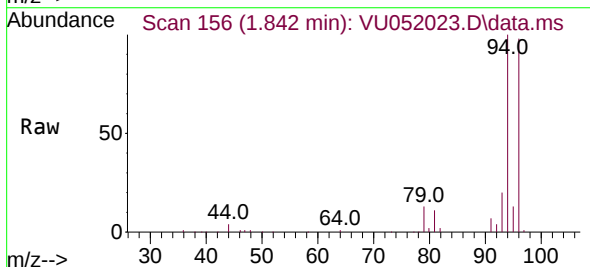
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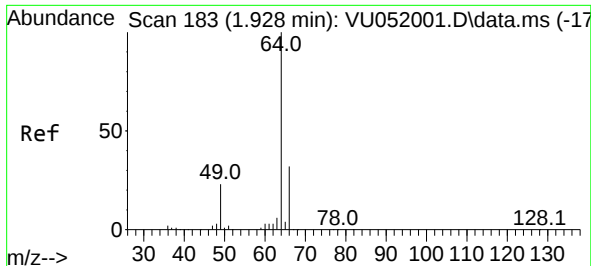
Tgt Ion: 62 Resp: 183644
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.9 44.3



#6
 Bromomethane
 Concen: 52.943 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.003 min
 Lab File: VU052023.D
 Acq: 22 Nov 2022 03:10

Tgt Ion: 94 Resp: 97026
 Ion Ratio Lower Upper
 94 100
 96 98.1 66.8 124.0

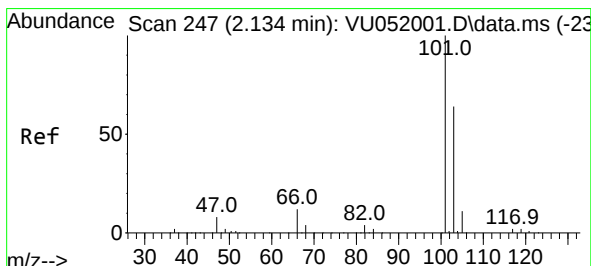
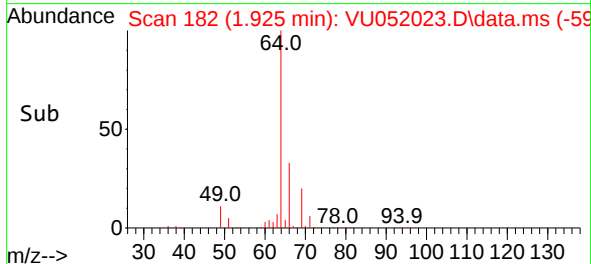
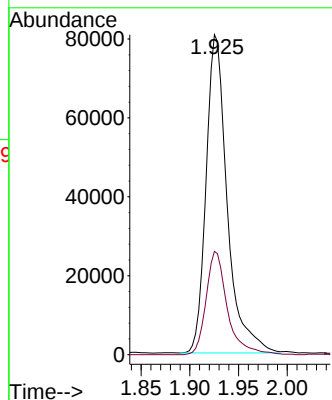
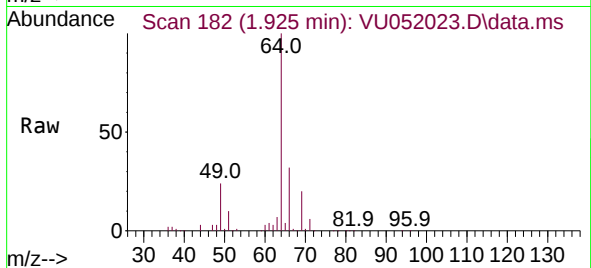




#8
Chloroethane
Concen: 50.832 ug/L
RT: 1.925 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

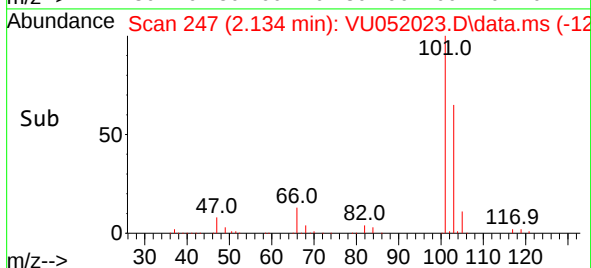
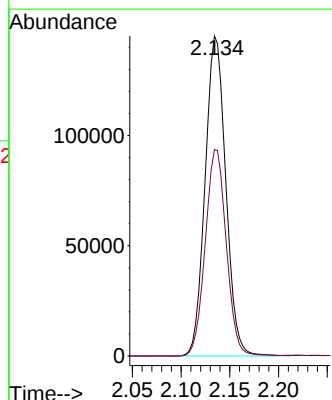
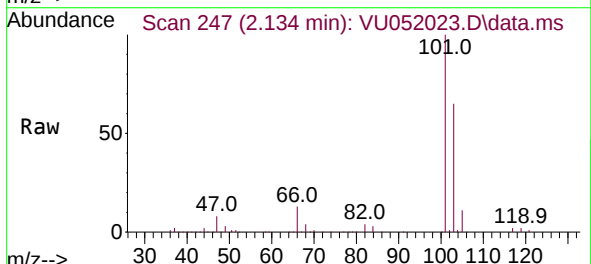
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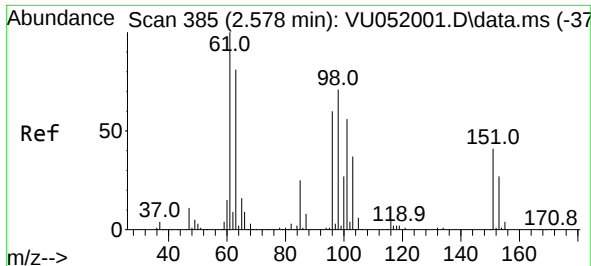
Tgt Ion: 64 Resp: 121702
Ion Ratio Lower Upper
64 100
66 32.3 22.8 42.4



#9
Trichlorofluoromethane
Concen: 49.135 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

Tgt Ion:101 Resp: 214467
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3

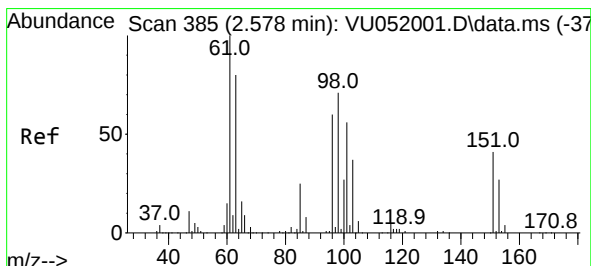
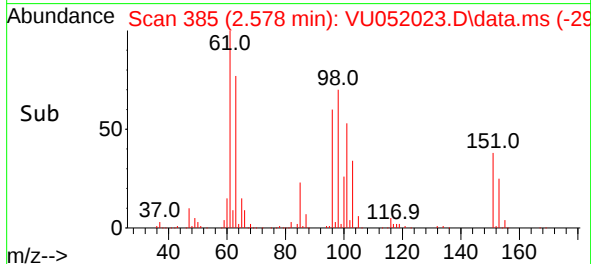
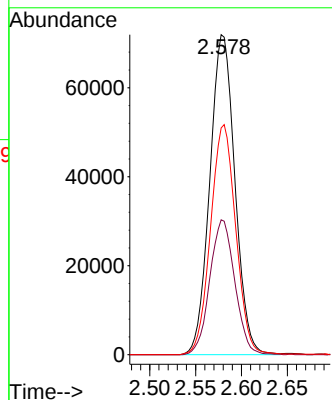
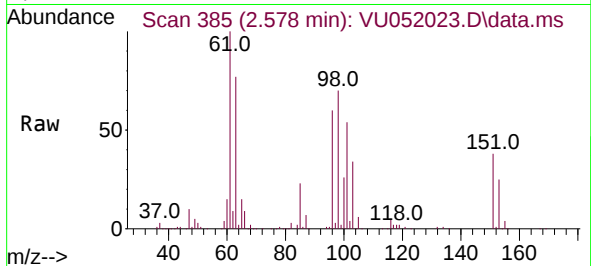




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.919 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU052023.D
 Acq: 22 Nov 2022 03:10

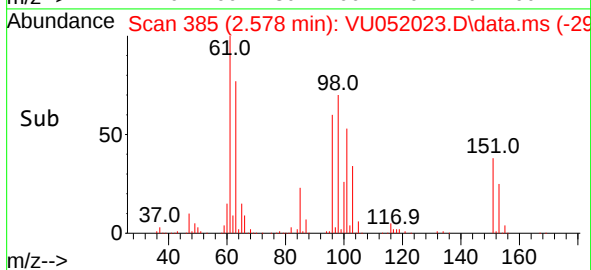
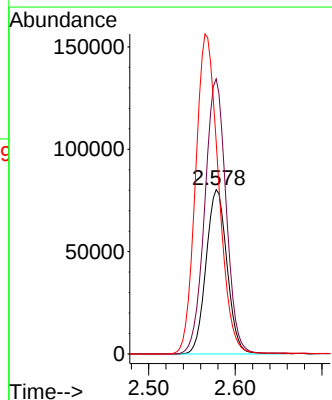
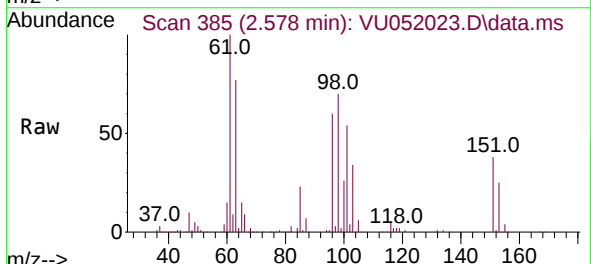
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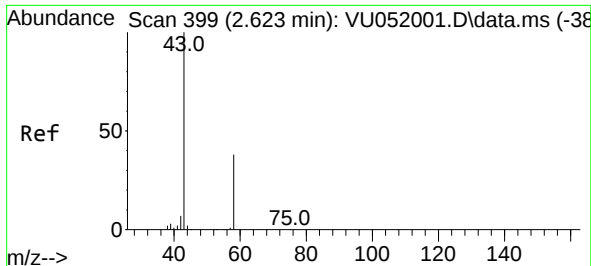
Tgt Ion:101 Resp: 137101
 Ion Ratio Lower Upper
 101 100
 85 41.9 33.6 50.4
 151 72.3 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 50.483 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU052023.D
 Acq: 22 Nov 2022 03:10

Tgt Ion: 96 Resp: 135121
 Ion Ratio Lower Upper
 96 100
 61 167.3 114.2 212.0
 63 129.1 90.9 168.7





#13

Acetone

Concen: 73.738 ug/L

RT: 2.620 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Instrument :

MSVOA_U

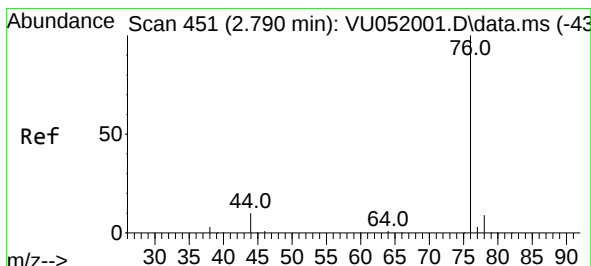
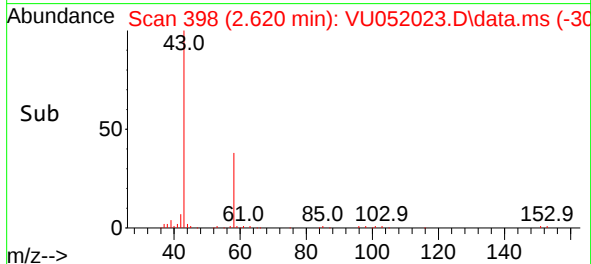
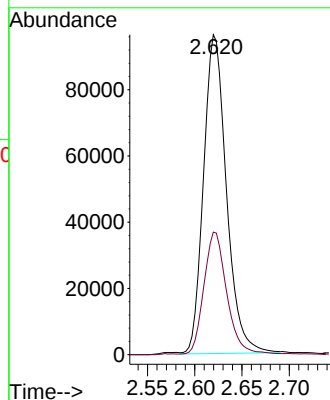
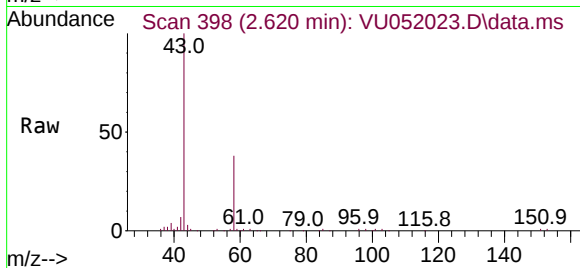
ClientSampleId :

Tgt Ion: 43 Resp: 162142

Ion Ratio Lower Upper

43 100

58 38.2 0.0 76.6



#14

Carbon disulfide

Concen: 49.364 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU052023.D

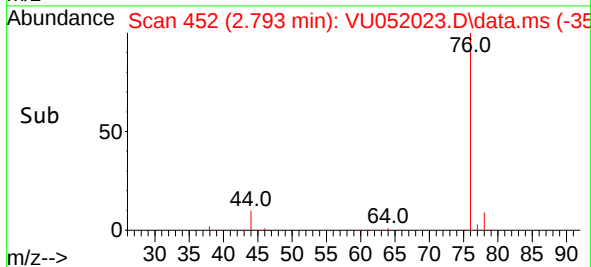
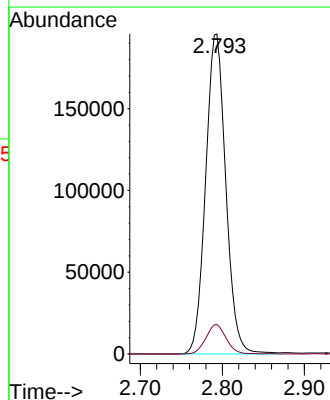
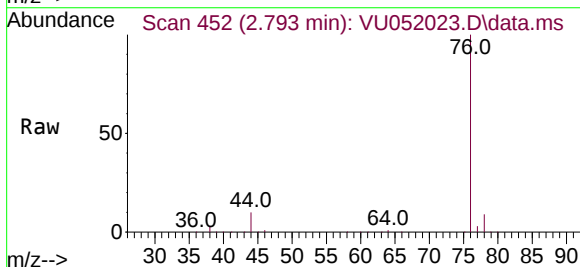
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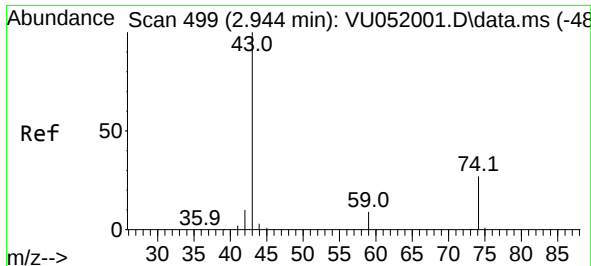
Tgt Ion: 76 Resp: 334099

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

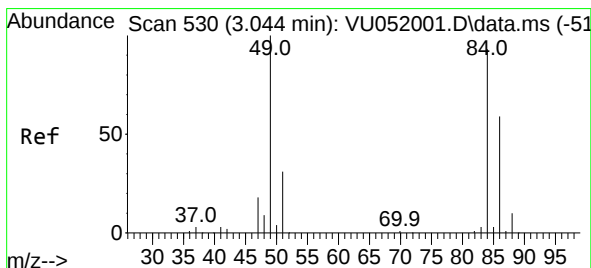
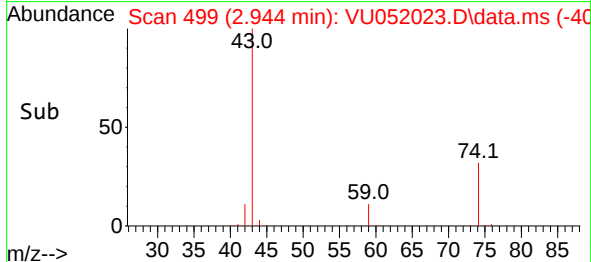
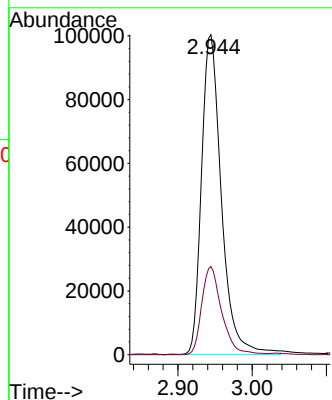
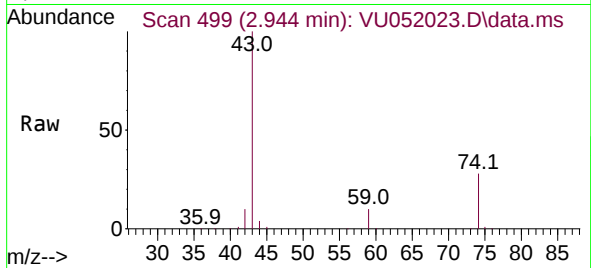




#15
Methyl Acetate
Concen: 53.023 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

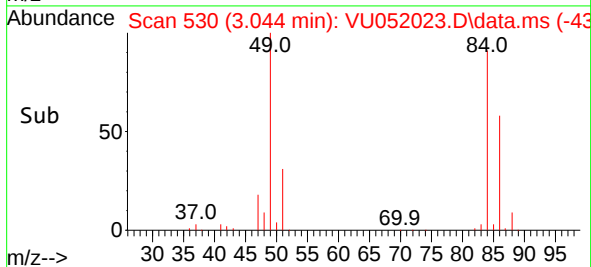
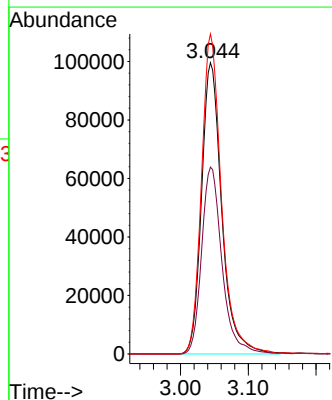
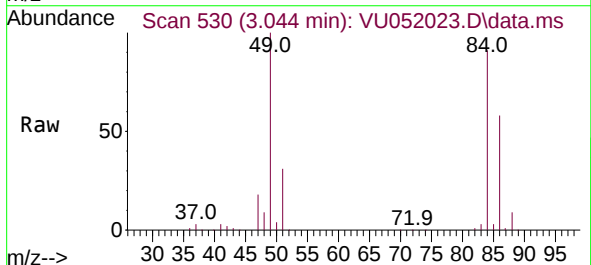
Instrument :
MSVOA_U
ClientSampleId :

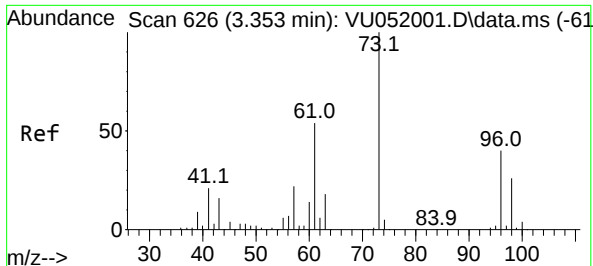
Tgt Ion: 43 Resp: 186141
Ion Ratio Lower Upper
43 100
74 27.8 22.2 33.4



#16
Methylene chloride
Concen: 50.507 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

Tgt Ion: 84 Resp: 205897
Ion Ratio Lower Upper
84 100
86 64.2 45.2 84.0
49 109.9 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 51.544 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

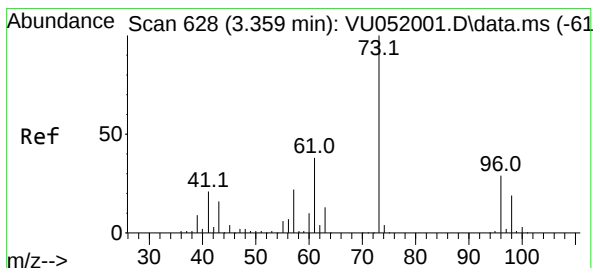
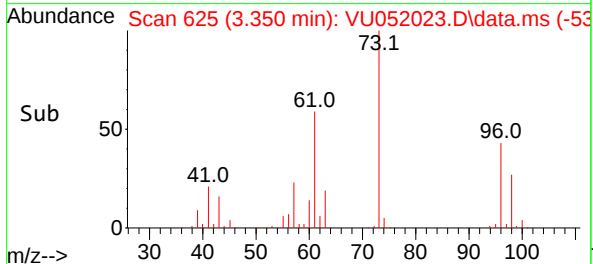
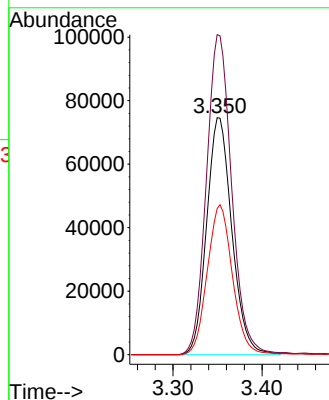
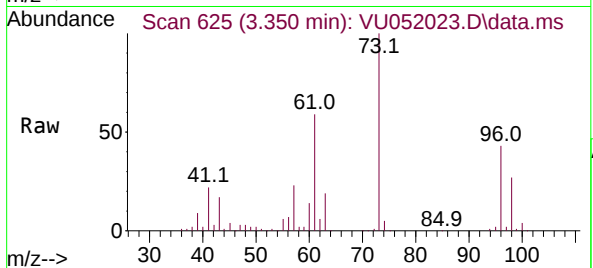
Tgt Ion: 96 Resp: 146787

Ion Ratio Lower Upper

96 100

61 135.1 93.9 174.3

98 61.7 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 53.548 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

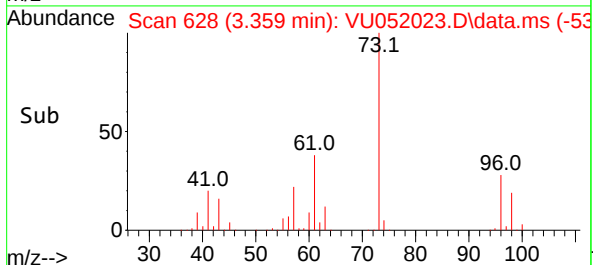
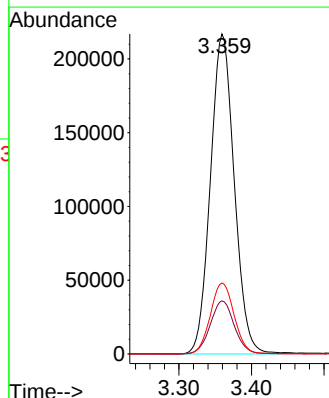
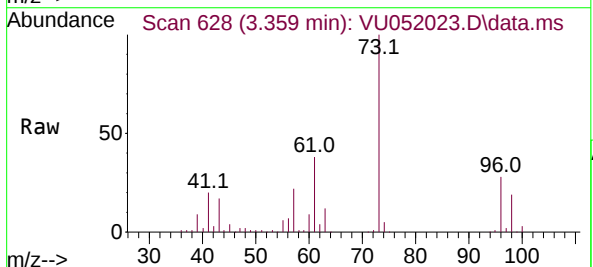
Tgt Ion: 73 Resp: 495328

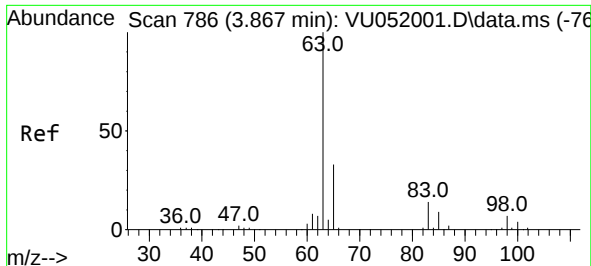
Ion Ratio Lower Upper

73 100

43 16.9 13.1 19.7

57 22.2 17.8 26.6





#19

1,1-Dichloroethane

Concen: 52.341 ug/L

RT: 3.864 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

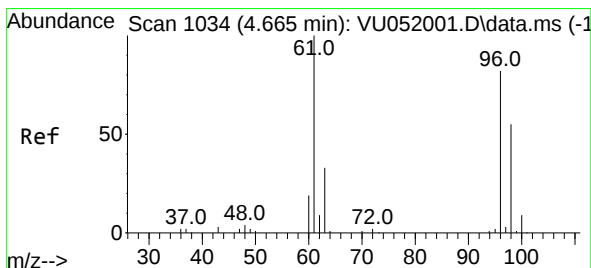
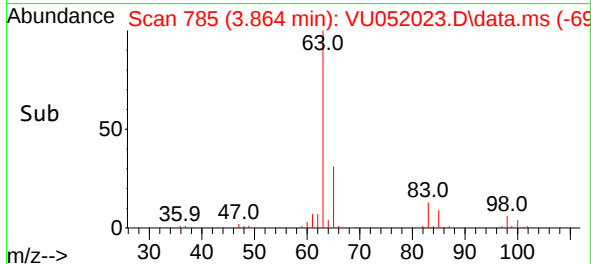
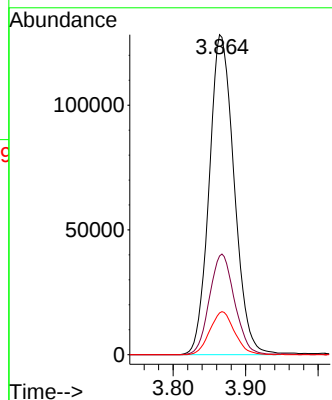
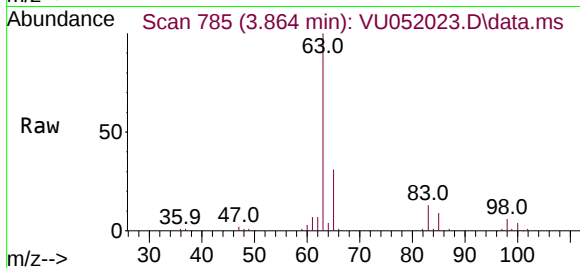
Tgt Ion: 63 Resp: 306662

Ion Ratio Lower Upper

63 100

65 30.9 22.3 41.3

83 13.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 53.309 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

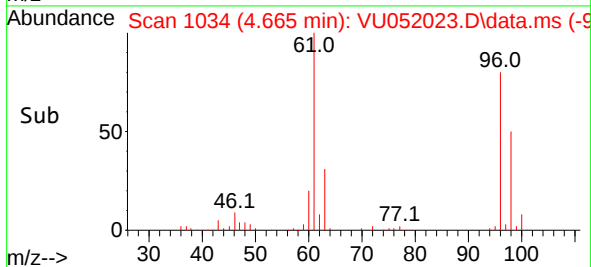
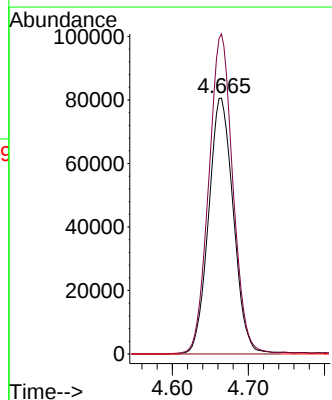
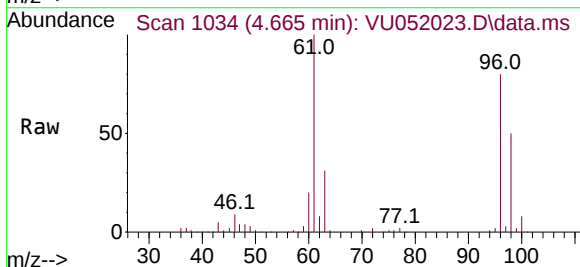
Tgt Ion: 96 Resp: 182267

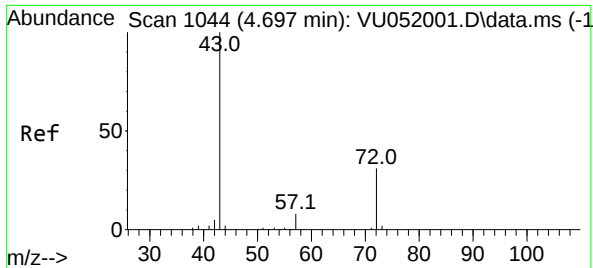
Ion Ratio Lower Upper

96 100

61 125.1 84.5 156.9

68 0.0 0.0 0.0

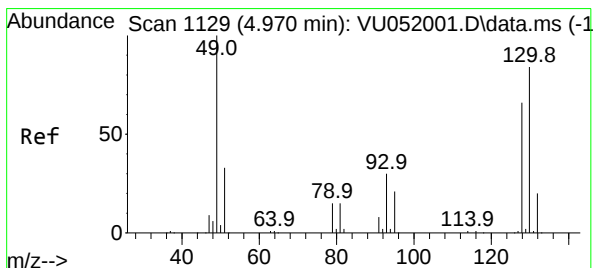
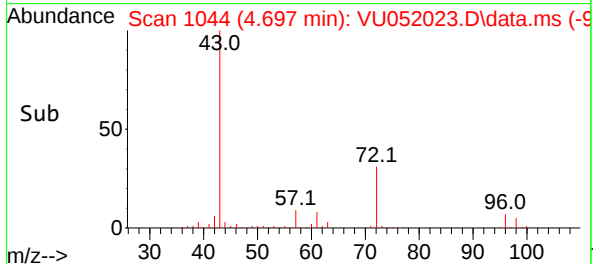
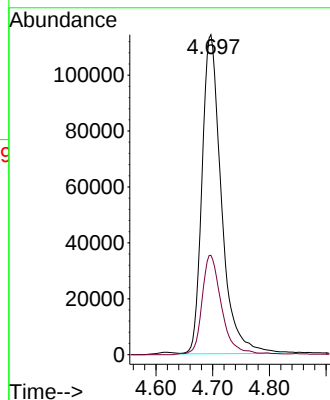
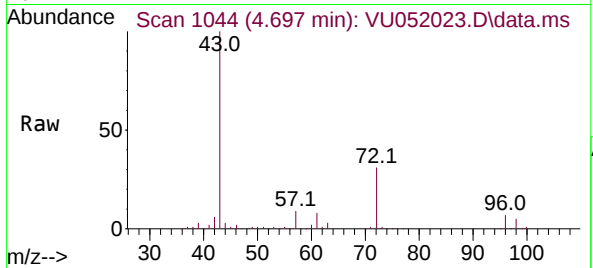




#22
2-Butanone
Concen: 98.638 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

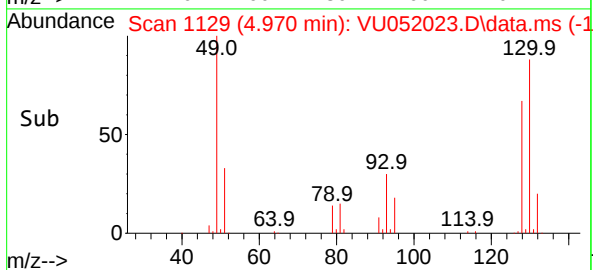
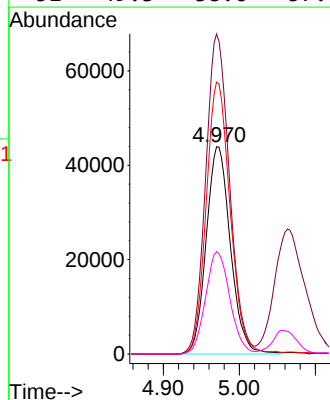
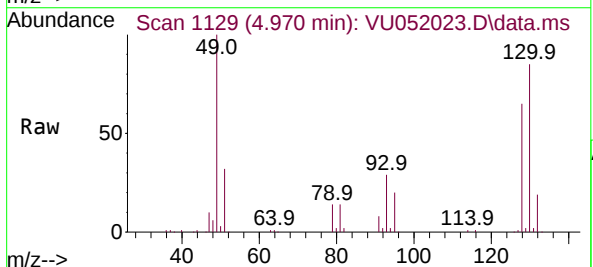
Instrument :
MSVOA_U
ClientSampleId :

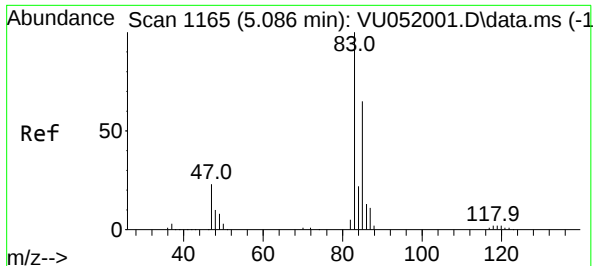
Tgt Ion: 43 Resp: 270432
Ion Ratio Lower Upper
43 100
72 31.4 15.9 47.7



#23
Bromochloromethane
Concen: 52.688 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

Tgt Ion:128 Resp: 96969
Ion Ratio Lower Upper
128 100
49 154.4 106.3 197.3
130 131.2 87.4 162.2
51 49.3 38.6 57.8





#25

Chloroform

Concen: 52.269 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Instrument :

MSVOA_U

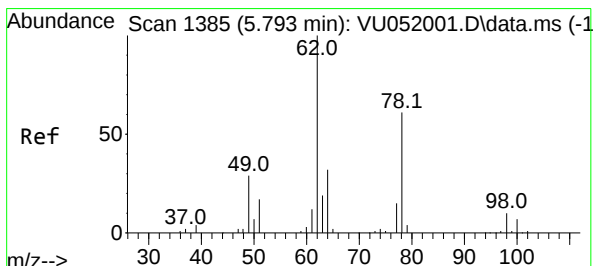
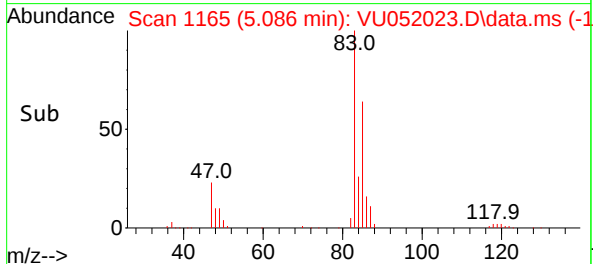
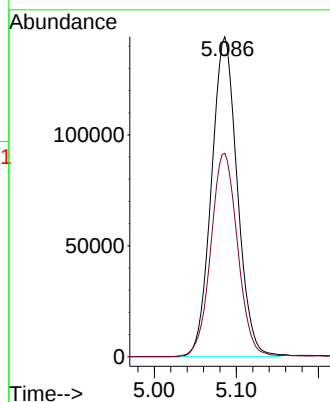
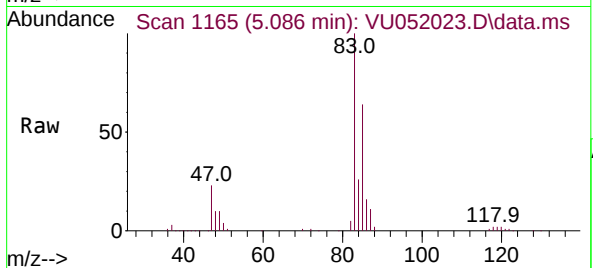
ClientSampleId :

Tgt Ion: 83 Resp: 315989

Ion Ratio Lower Upper

83 100

85 63.6 46.3 85.9



#27

1,2-Dichloroethane

Concen: 50.957 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU052023.D

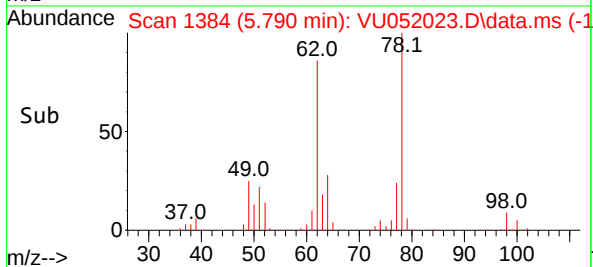
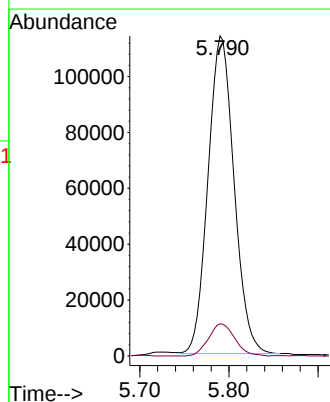
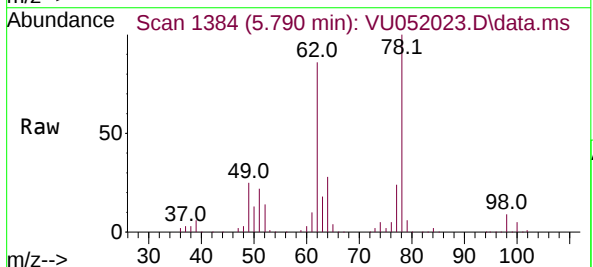
Acq: 22 Nov 2022 03:10

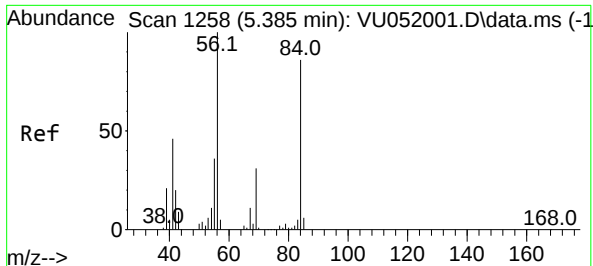
Tgt Ion: 62 Resp: 231105

Ion Ratio Lower Upper

62 100

98 10.0 7.9 11.9





#29

Cyclohexane

Concen: 52.880 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

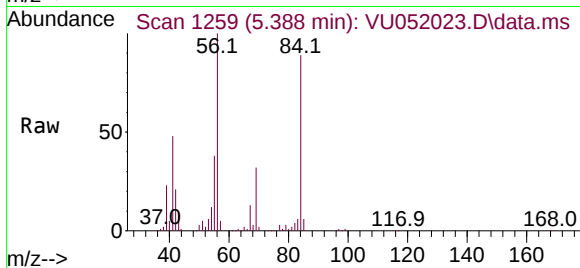
Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :



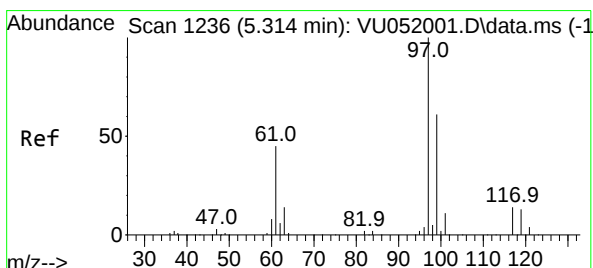
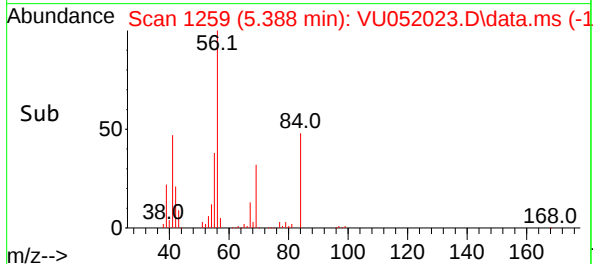
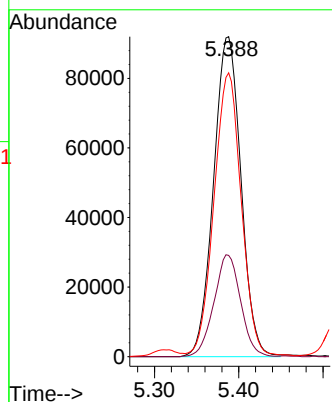
Tgt Ion: 56 Resp: 207612

Ion Ratio Lower Upper

56 100

69 31.0 25.7 38.5

84 86.9 70.2 105.2



#30

1,1,1-Trichloroethane

Concen: 51.545 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

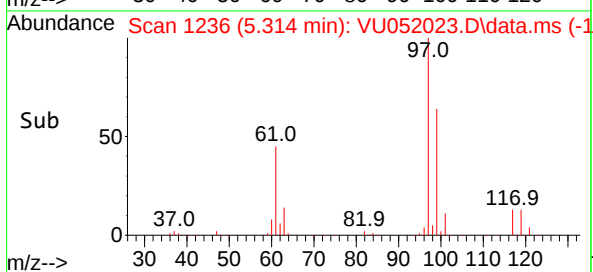
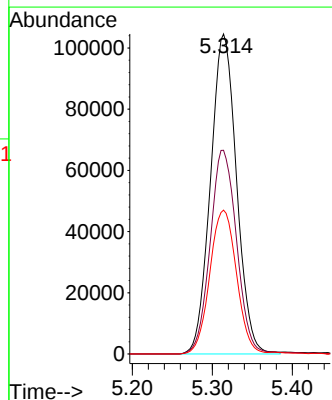
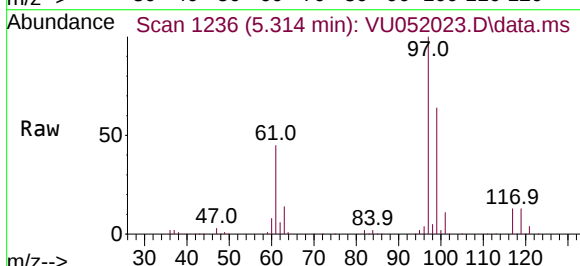
Tgt Ion: 97 Resp: 236656

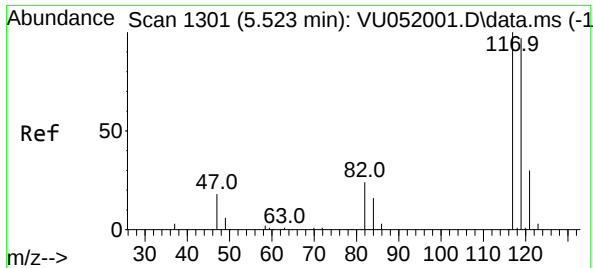
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 46.1 37.2 55.8

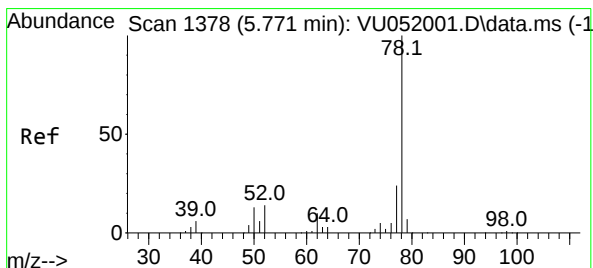
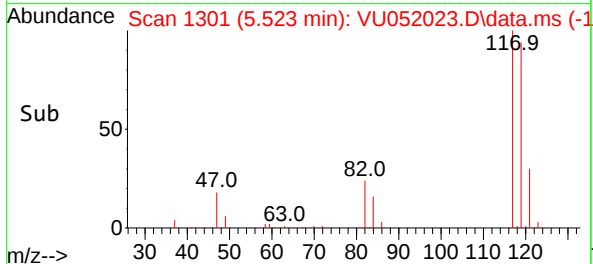
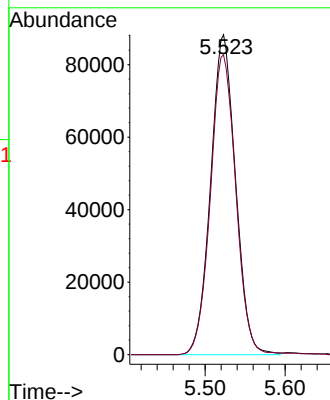
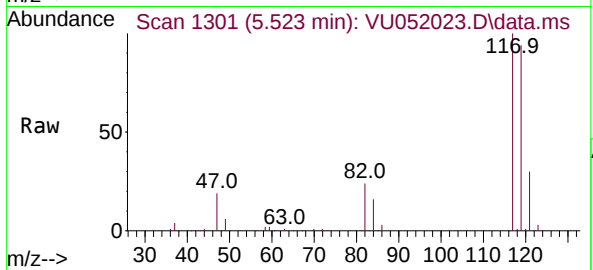




#31
Carbon tetrachloride
Concen: 51.419 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

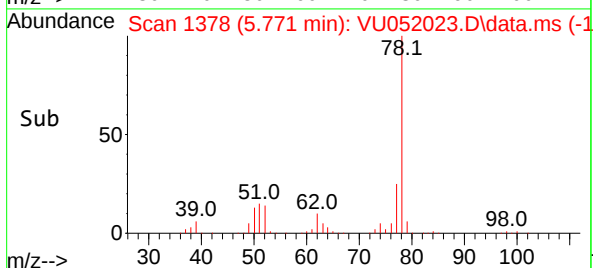
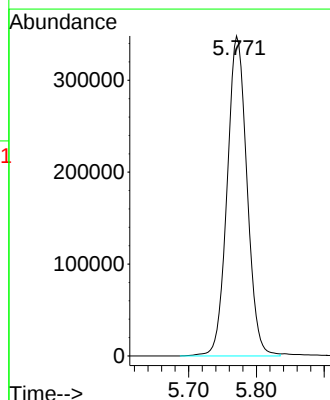
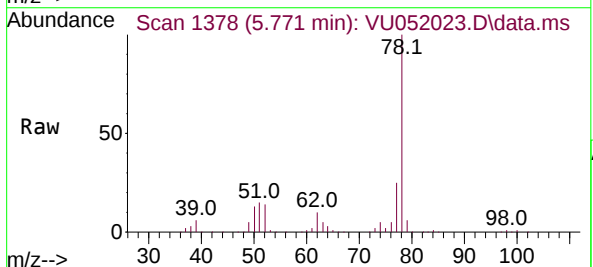
Instrument :
MSVOA_U
ClientSampleId :

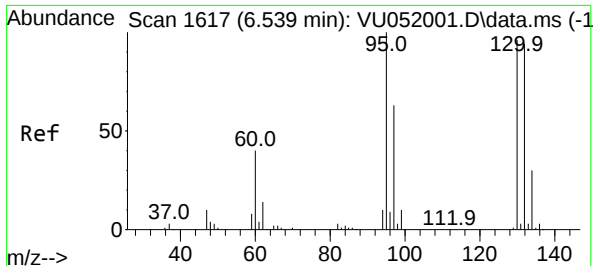
Tgt Ion:117 Resp: 191131
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.2



#33
Benzene
Concen: 53.420 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

Tgt Ion: 78 Resp: 708534

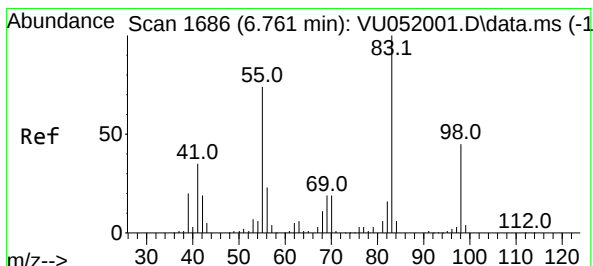
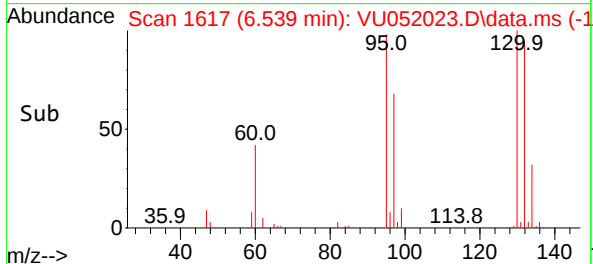
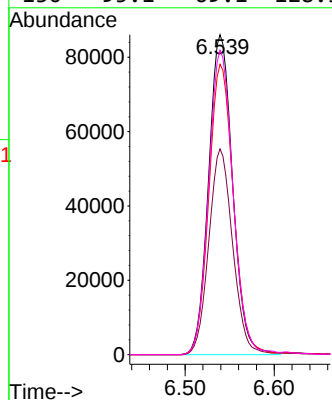
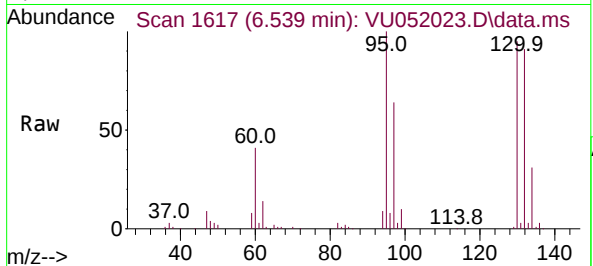




#34
Trichloroethene
Concen: 52.195 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

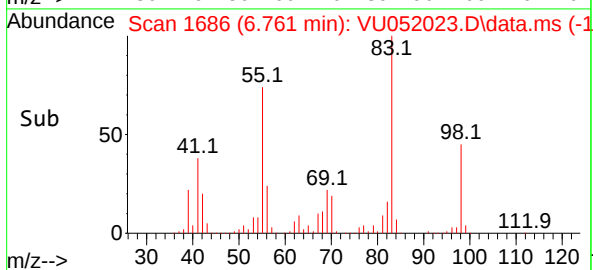
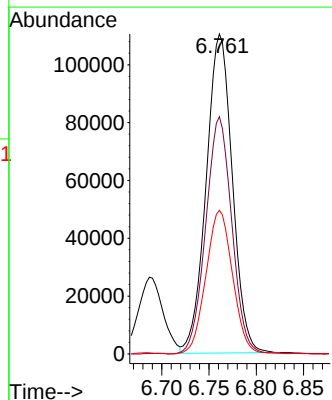
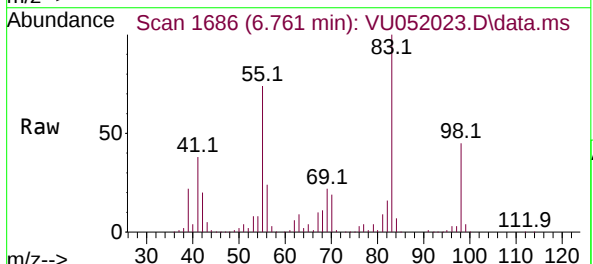
Instrument :
MSVOA_U
ClientSampleId :

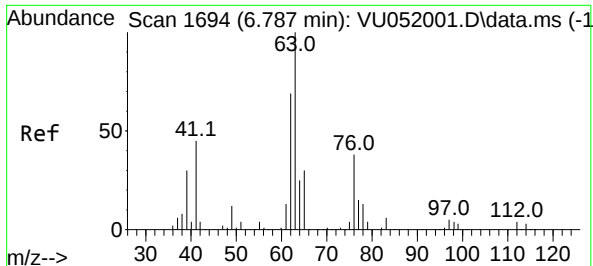
Tgt Ion: 95 Resp: 161526
Ion Ratio Lower Upper
95 100
97 64.3 45.3 84.1
132 90.8 66.8 124.2
130 95.1 69.1 128.3



#35
Methylcyclohexane
Concen: 50.125 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

Tgt Ion: 83 Resp: 212597
Ion Ratio Lower Upper
83 100
55 74.1 59.0 88.6
98 46.0 36.0 54.0





#37

1,2-Dichloropropane

Concen: 53.047 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Instrument :

MSVOA_U

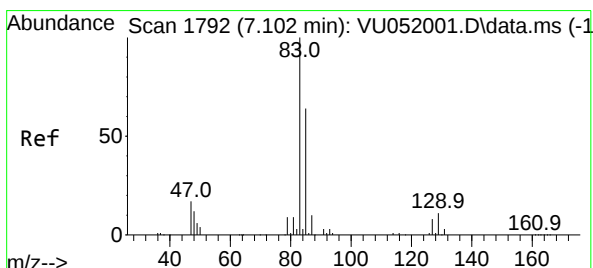
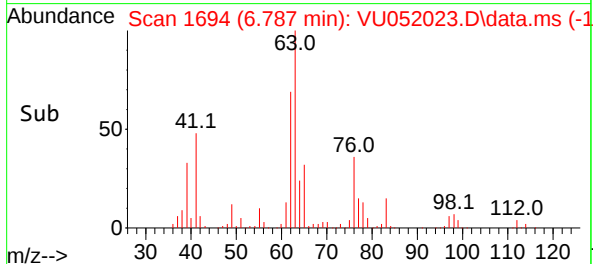
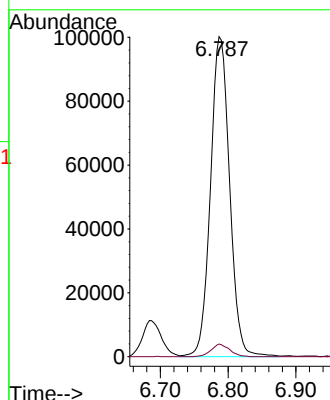
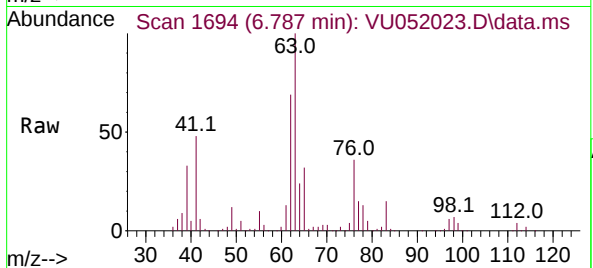
ClientSampleId :

Tgt Ion: 63 Resp: 196555

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 52.675 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

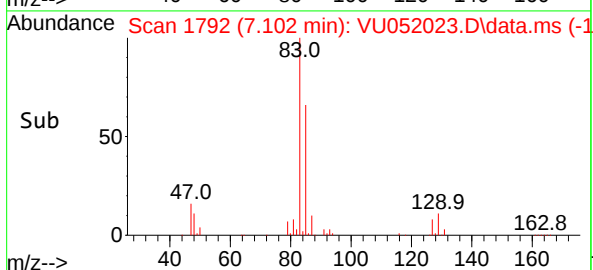
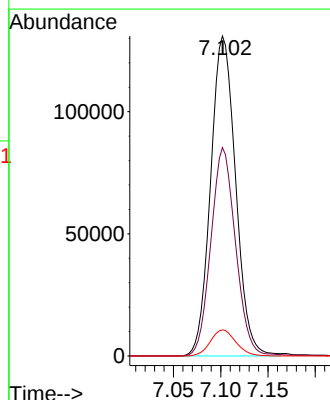
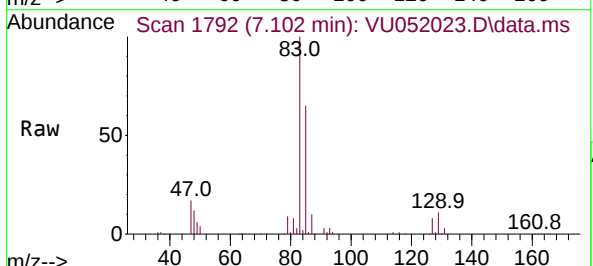
Tgt Ion: 83 Resp: 240975

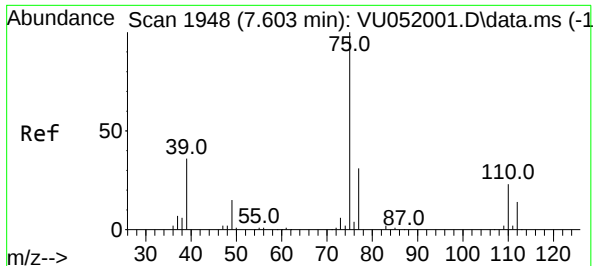
Ion Ratio Lower Upper

83 100

85 65.1 45.9 85.3

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 52.569 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Instrument :

MSVOA_U

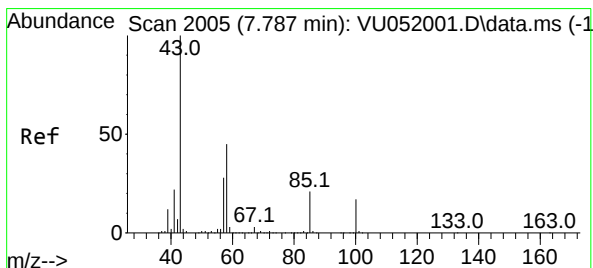
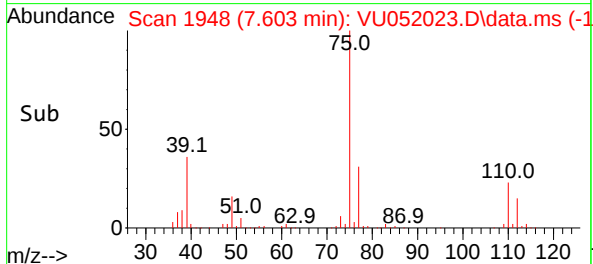
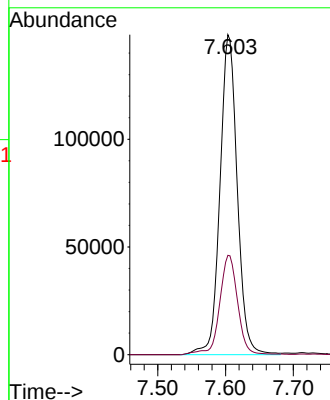
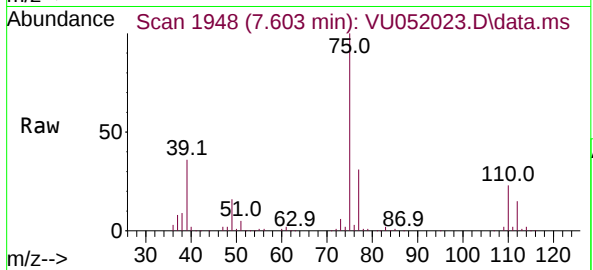
ClientSampleId :

Tgt Ion: 75 Resp: 263396

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 112.783 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

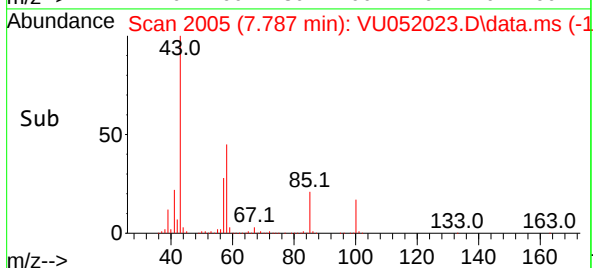
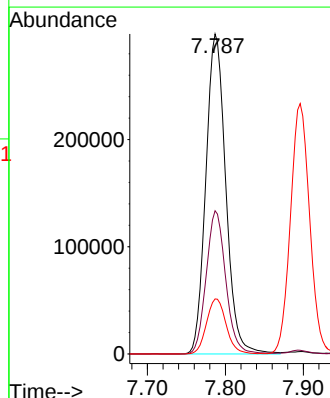
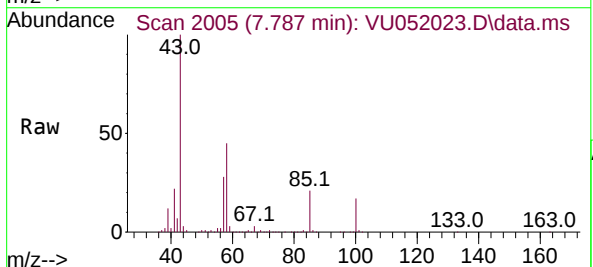
Tgt Ion: 43 Resp: 531515

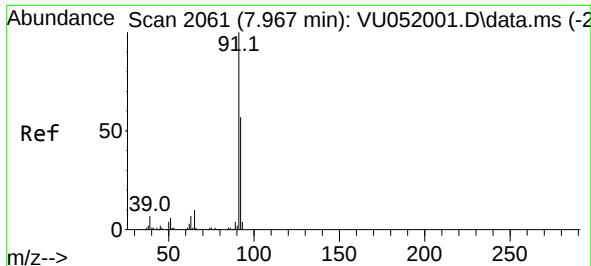
Ion Ratio Lower Upper

43 100

58 43.9 35.8 53.6

100 16.9 13.5 20.3





#42

Toluene

Concen: 54.842 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Instrument :

MSVOA_U

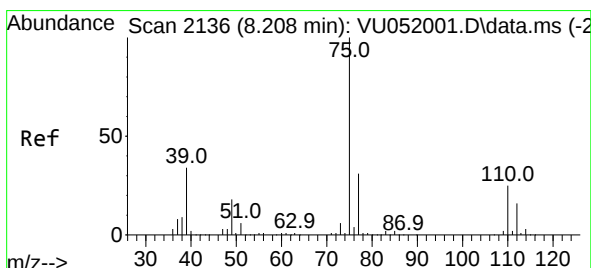
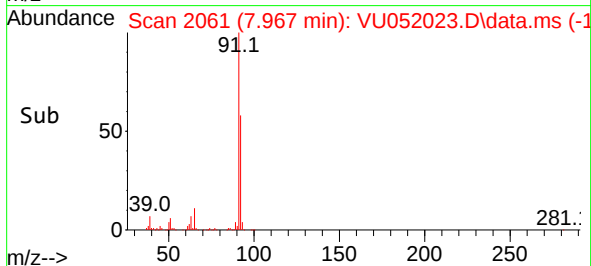
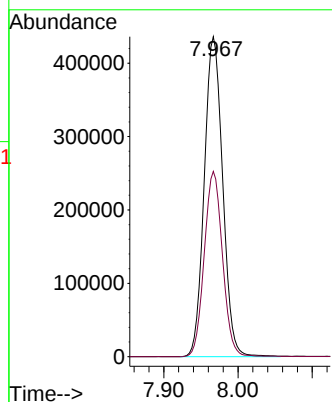
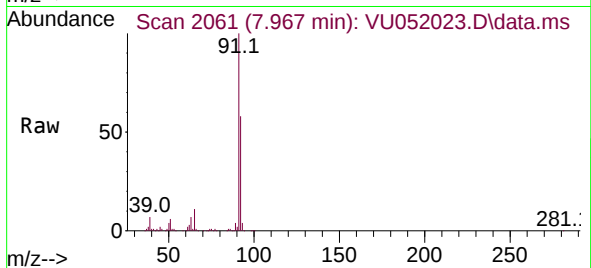
ClientSampleId :

Tgt Ion: 91 Resp: 751642

Ion Ratio Lower Upper

91 100

92 57.9 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 52.524 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU052023.D

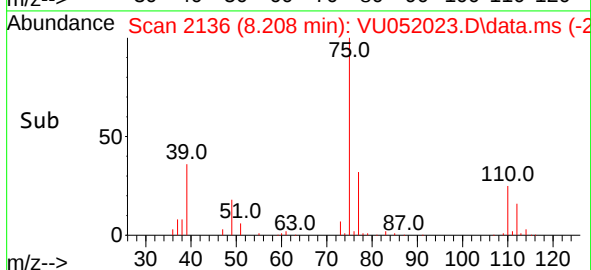
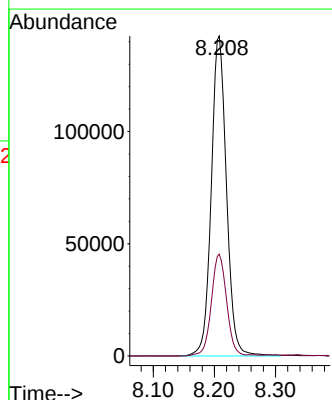
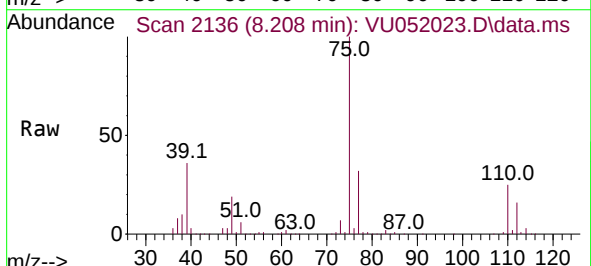
Acq: 22 Nov 2022 03:10

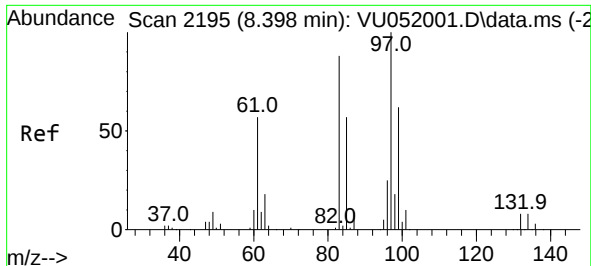
Tgt Ion: 75 Resp: 246158

Ion Ratio Lower Upper

75 100

77 31.8 22.7 42.1

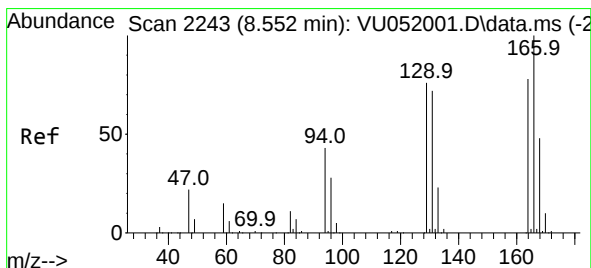
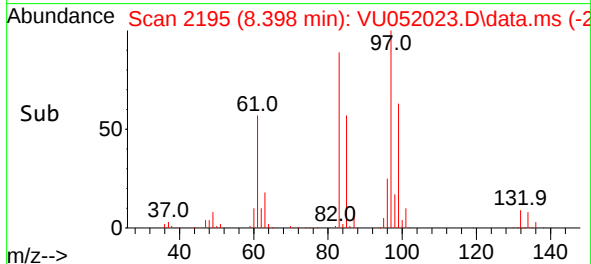
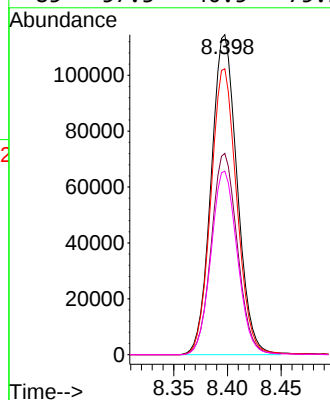
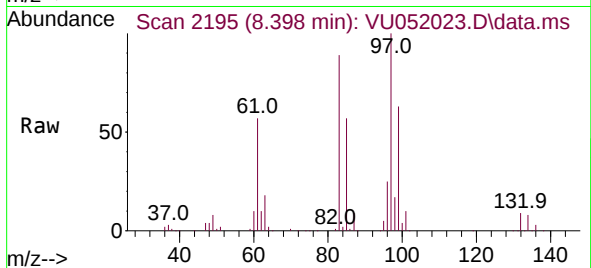




#45
1,1,2-Trichloroethane
Concen: 52.829 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

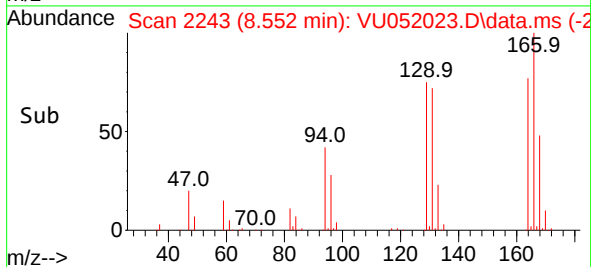
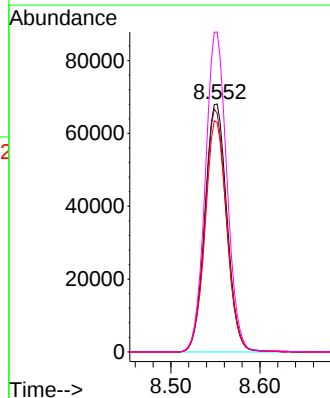
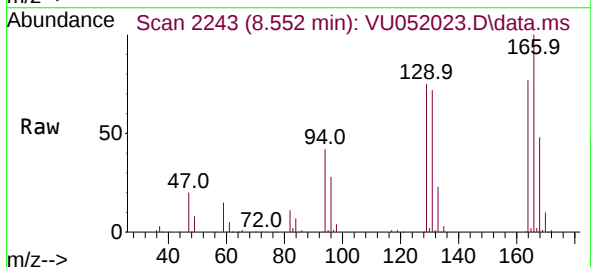
Instrument :
MSVOA_U
ClientSampleId :

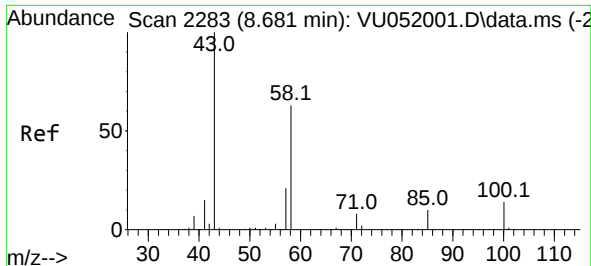
Tgt Ion:	97	Resp:	192968
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.4	82.4
83	89.4	63.2	117.4
85	57.3	40.5	75.3



#46
Tetrachloroethene
Concen: 50.277 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

Tgt Ion:	164	Resp:	117381
Ion	Ratio	Lower	Upper
164	100		
129	96.3	67.3	124.9
131	92.6	65.2	121.2
166	129.1	89.9	166.9



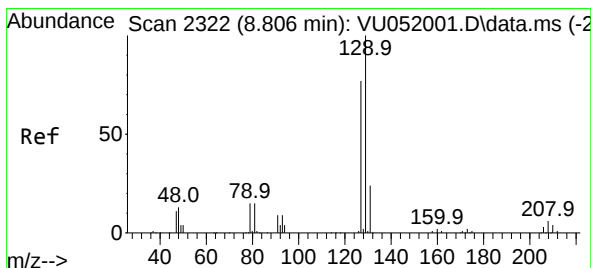
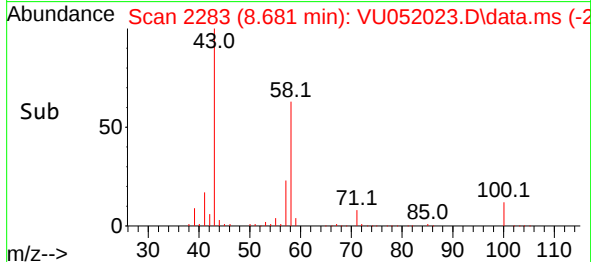
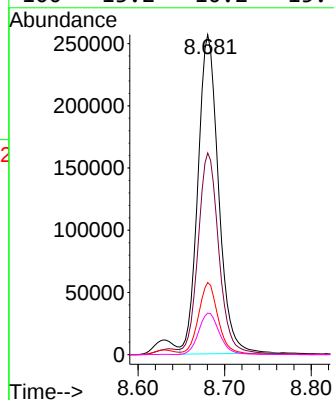
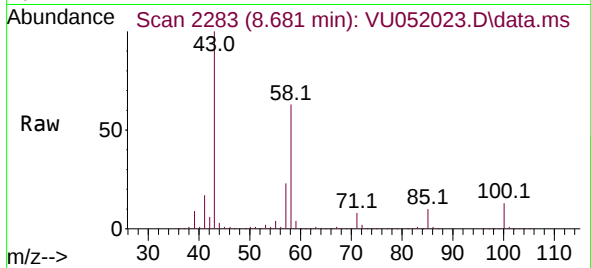


#48
2-Hexanone
Concen: 108.529 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 423253

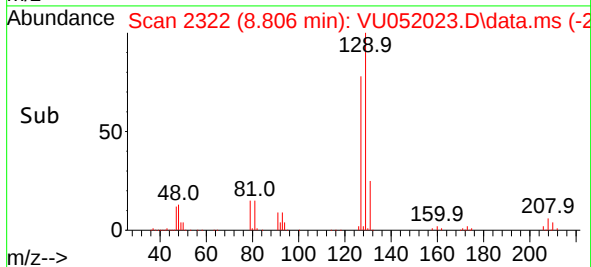
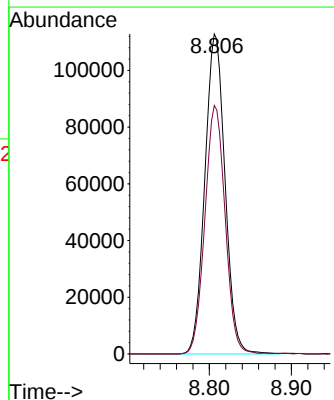
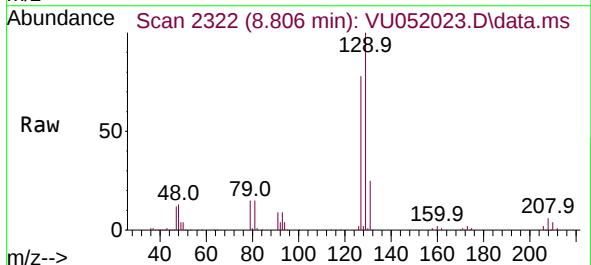
Ion	Ratio	Lower	Upper
43	100		
58	63.9	49.6	74.4
57	21.8	16.8	25.2
100	13.2	10.2	15.4

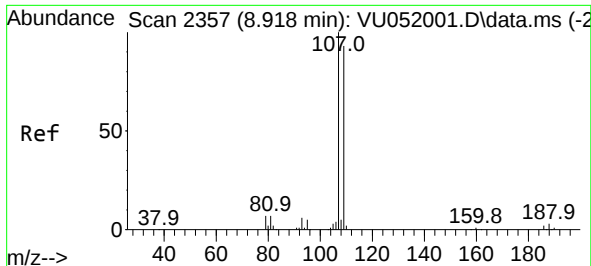


#49
Dibromochloromethane
Concen: 51.888 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

Tgt Ion: 129 Resp: 192616

Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.5	101.1





#50

1,2-Dibromoethane

Concen: 53.393 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

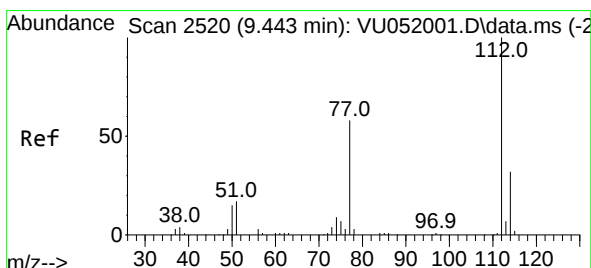
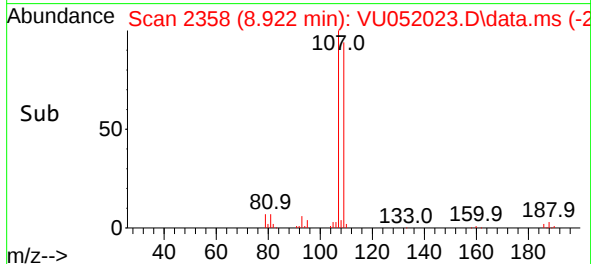
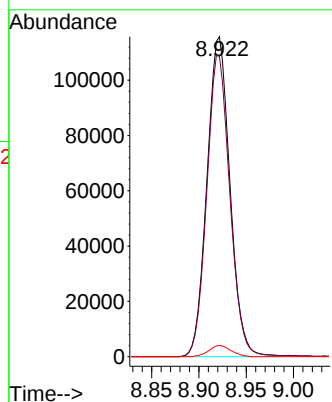
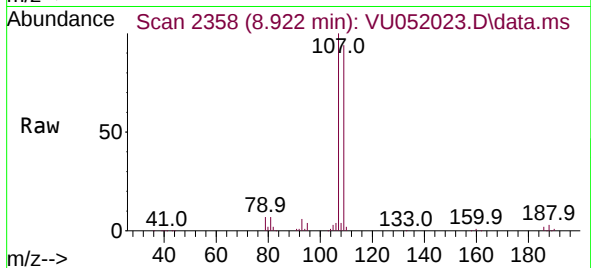
Tgt Ion:107 Resp: 195880

Ion Ratio Lower Upper

107 100

109 93.9 66.6 123.8

188 3.5 2.9 4.3



#51

Chlorobenzene

Concen: 52.205 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

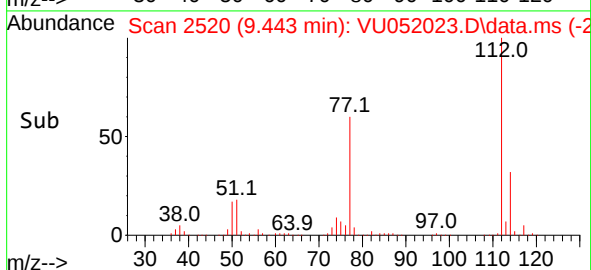
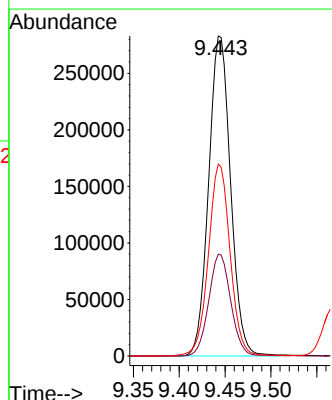
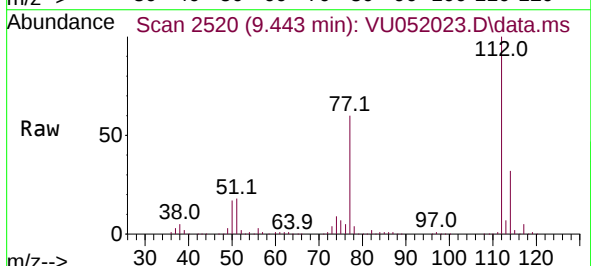
Tgt Ion:112 Resp: 470761

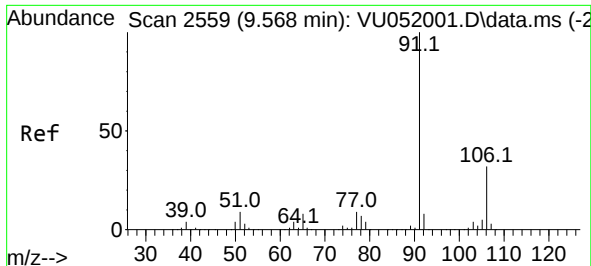
Ion Ratio Lower Upper

112 100

114 31.8 22.2 41.2

77 60.0 46.5 69.7

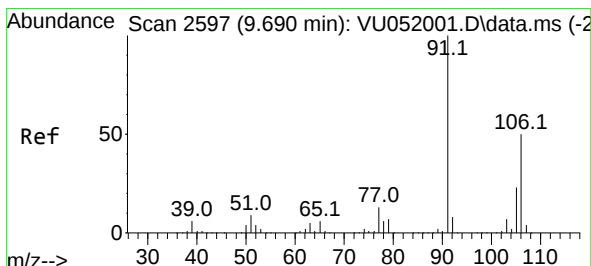
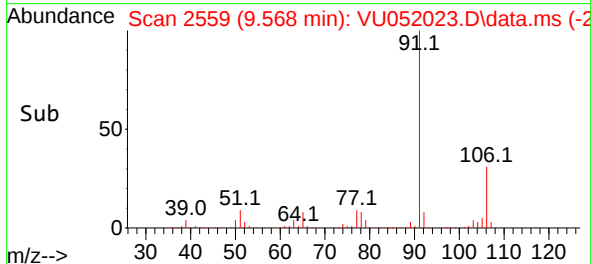
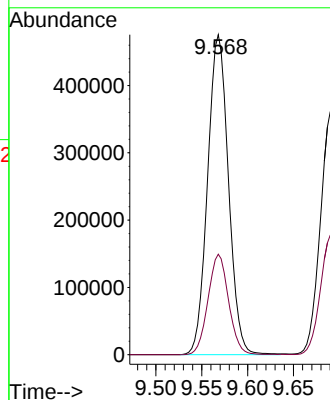
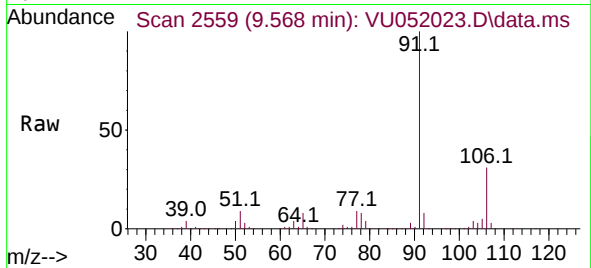




#52
Ethylbenzene
Concen: 53.875 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

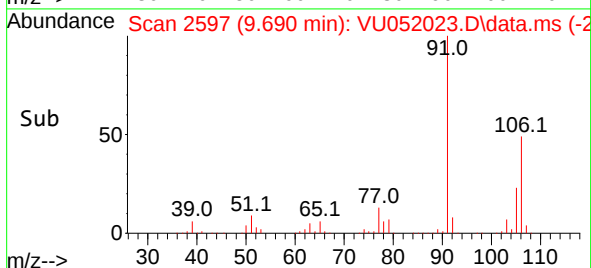
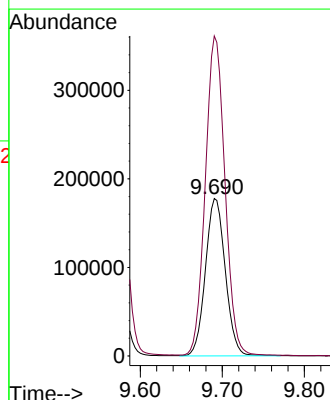
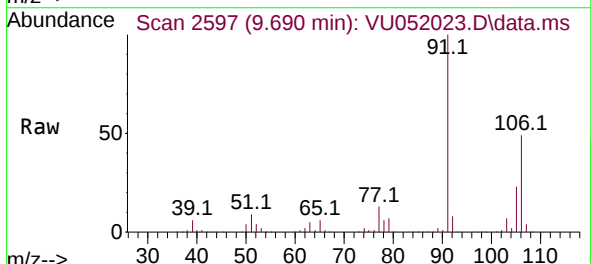
Instrument :
MSVOA_U
ClientSampleId :

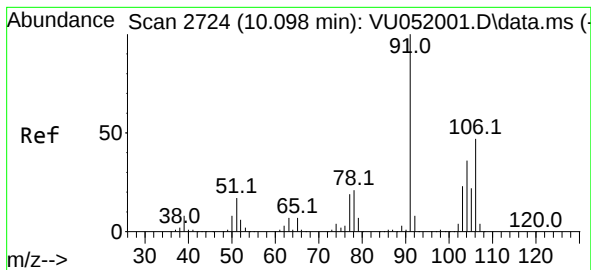
Tgt Ion: 91 Resp: 751816
Ion Ratio Lower Upper
91 100
106 31.4 21.2 39.4



#53
m,p-Xylene
Concen: 55.335 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

Tgt Ion: 106 Resp: 298353
Ion Ratio Lower Upper
106 100
91 203.2 140.3 260.6

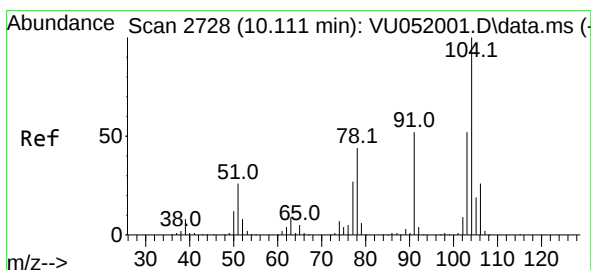
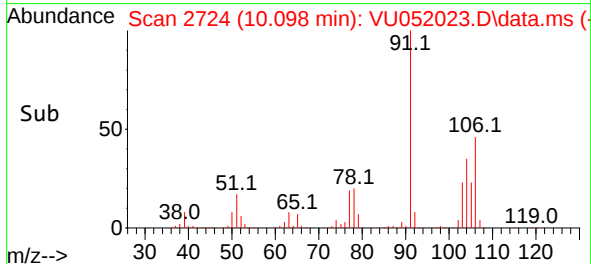
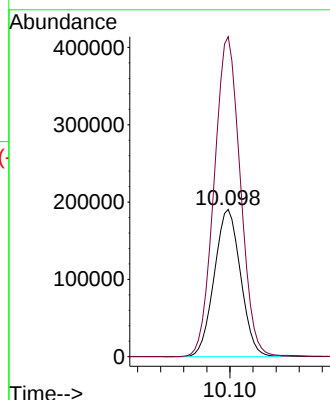
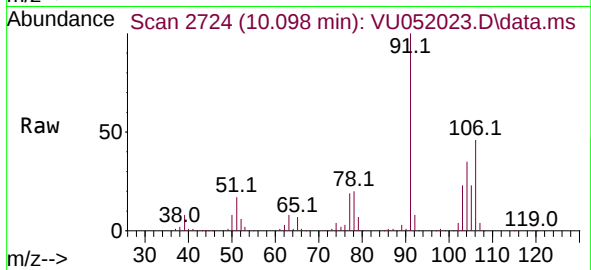




#54
o-Xylene
Concen: 55.427 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

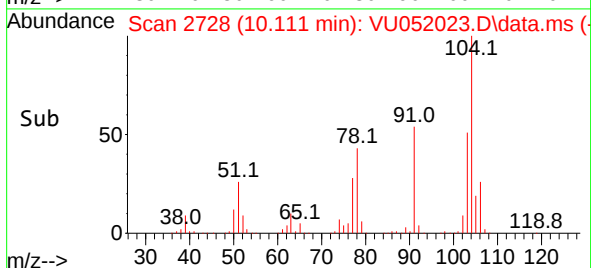
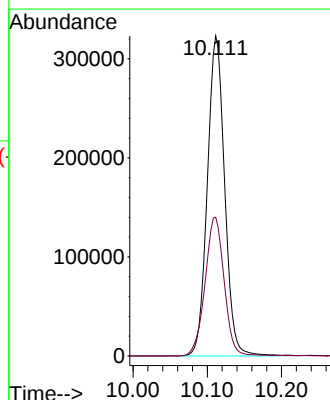
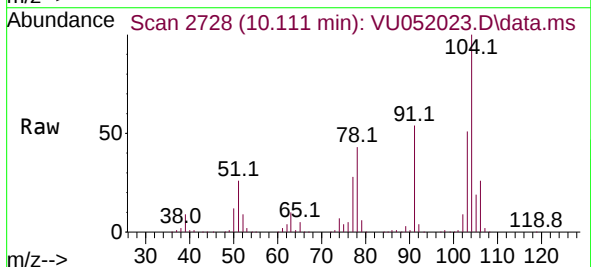
Instrument :
MSVOA_U
ClientSampleId :

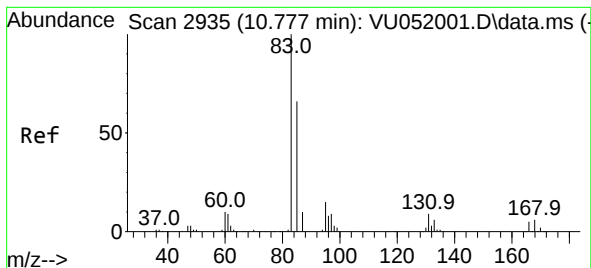
Tgt Ion:106 Resp: 302375
Ion Ratio Lower Upper
106 100
91 217.5 146.7 272.4



#55
Styrene
Concen: 56.563 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

Tgt Ion:104 Resp: 522770
Ion Ratio Lower Upper
104 100
78 43.4 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 54.502 ug/L

RT: 10.780 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

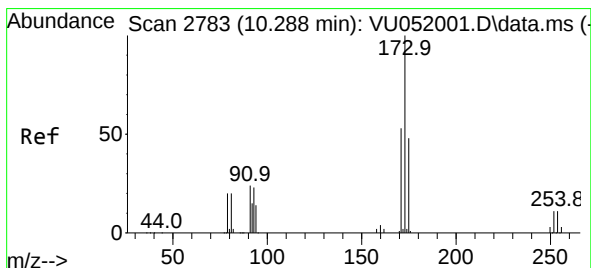
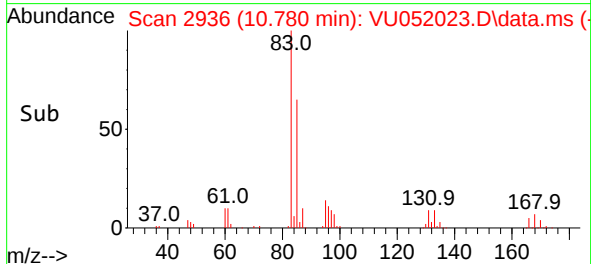
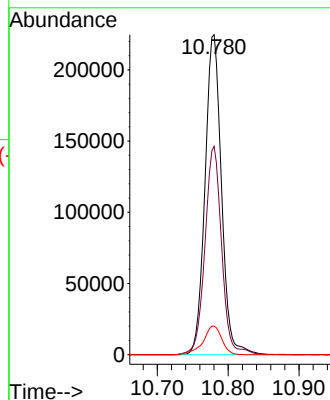
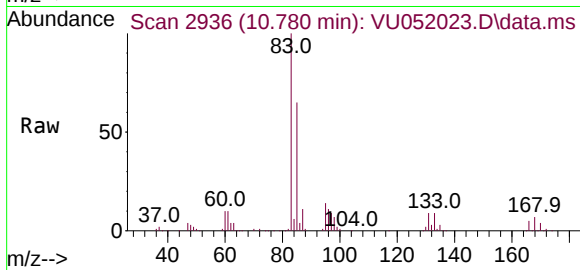
Tgt Ion: 83 Resp: 362266

Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.2

131 9.0 7.3 10.9



#59

Bromoform

Concen: 51.441 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

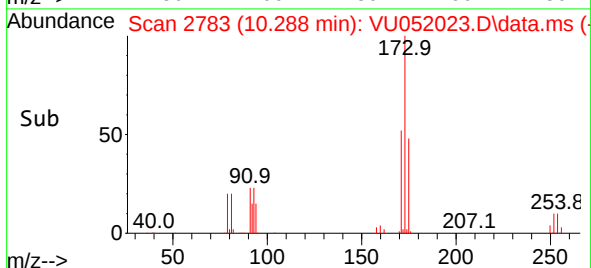
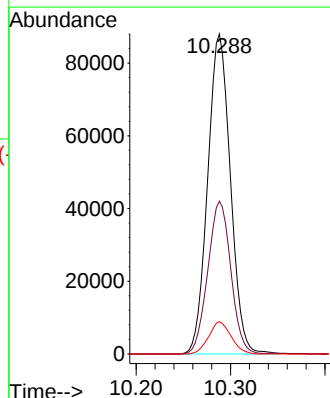
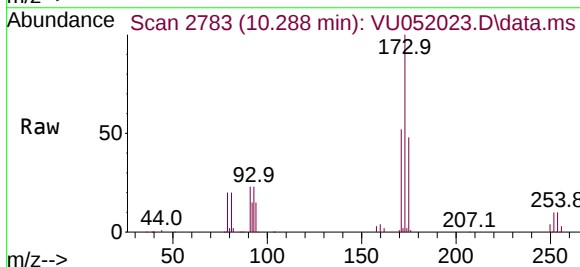
Tgt Ion:173 Resp: 147067

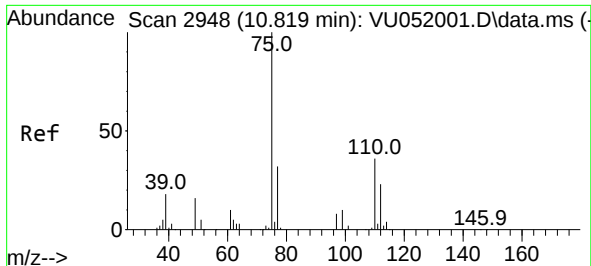
Ion Ratio Lower Upper

173 100

175 48.2 39.8 59.6

254 9.9 7.5 11.3

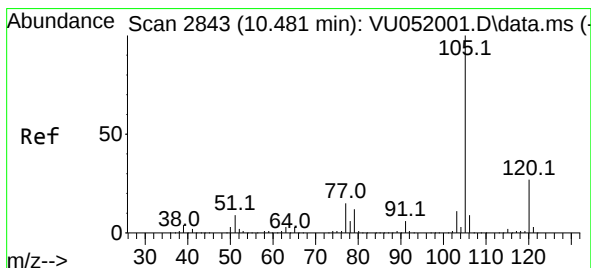
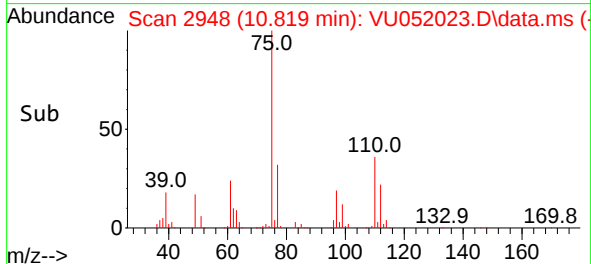
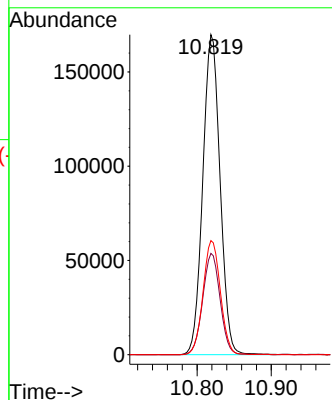
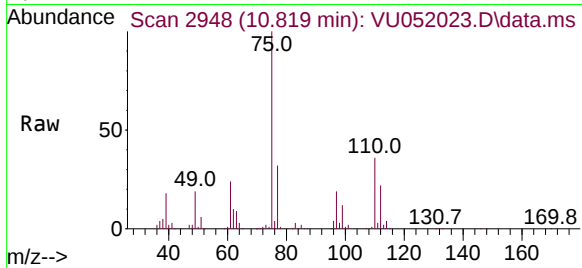




#60
 1,2,3-Trichloropropane
 Concen: 53.513 ug/L
 RT: 10.819 min Scan# 2948
 Delta R.T. -0.000 min
 Lab File: VU052023.D
 Acq: 22 Nov 2022 03:10

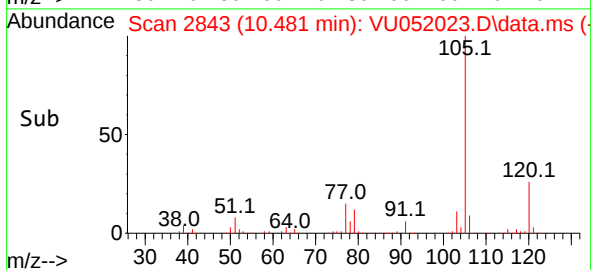
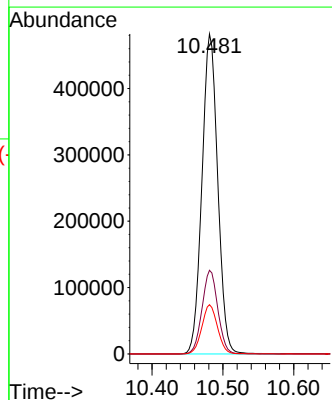
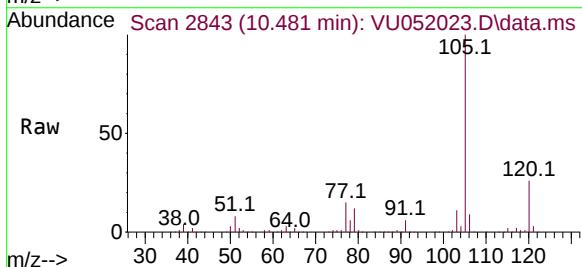
Instrument :
 MSVOA_U
 ClientSampleId :

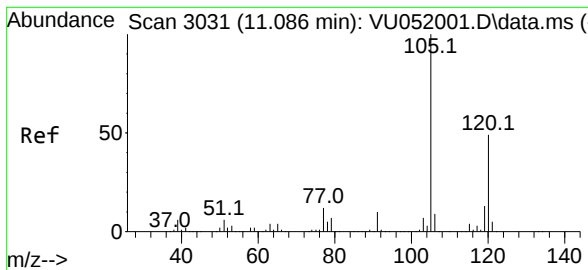
Tgt Ion: 75 Resp: 274297
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.0 39.0
 110 35.8 29.0 43.4



#61
 Isopropylbenzene
 Concen: 55.274 ug/L
 RT: 10.481 min Scan# 2843
 Delta R.T. -0.000 min
 Lab File: VU052023.D
 Acq: 22 Nov 2022 03:10

Tgt Ion: 105 Resp: 744526
 Ion Ratio Lower Upper
 105 100
 120 26.2 21.1 31.7
 77 15.3 12.4 18.6

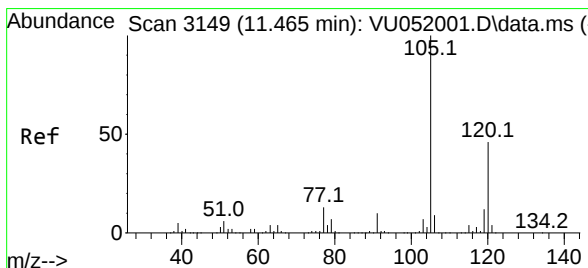
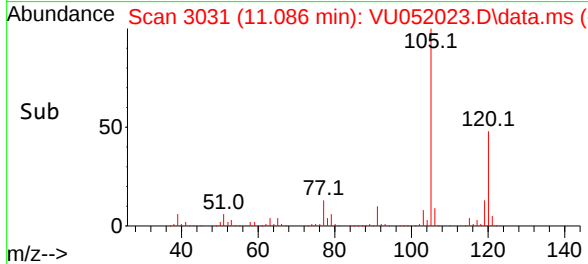
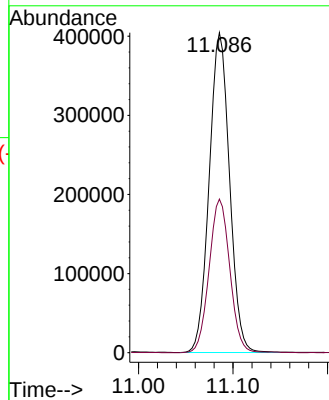
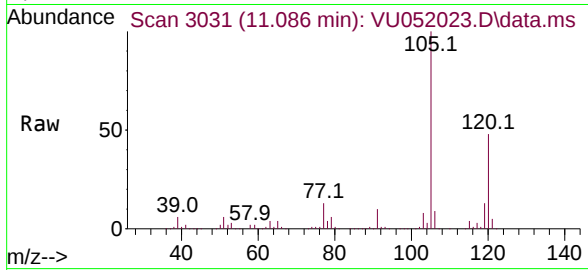




#62
1,3,5-Trimethylbenzene
Concen: 56.135 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

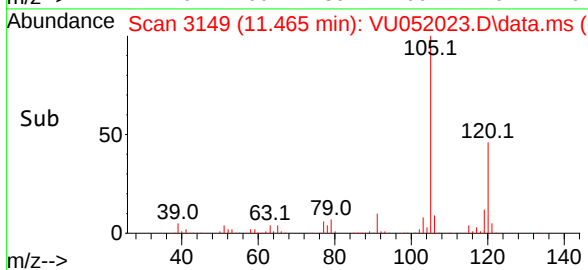
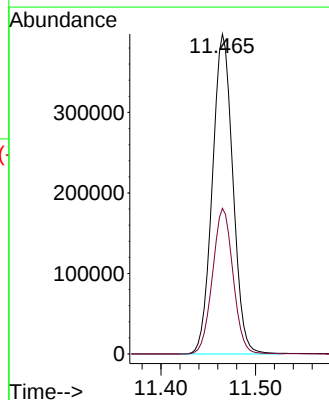
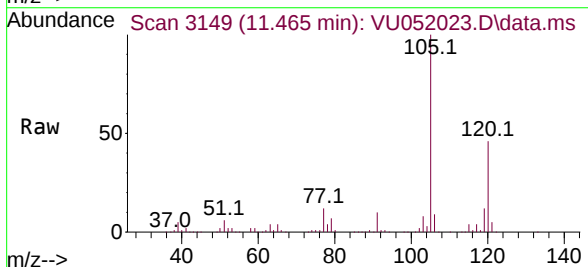
Instrument :
MSVOA_U
ClientSampleId :

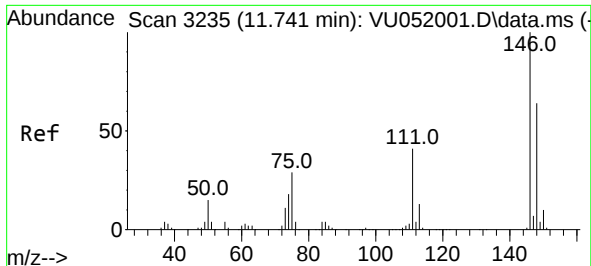
Tgt Ion:105 Resp: 604100
Ion Ratio Lower Upper
105 100
120 48.8 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 57.052 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

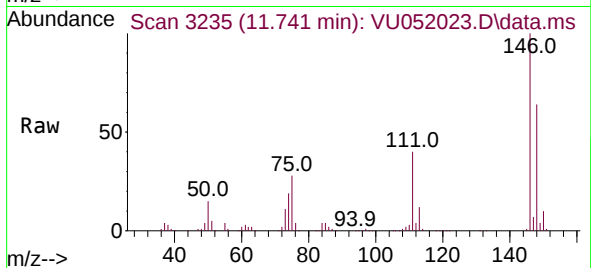
Tgt Ion:105 Resp: 598317
Ion Ratio Lower Upper
105 100
120 45.6 36.1 54.1



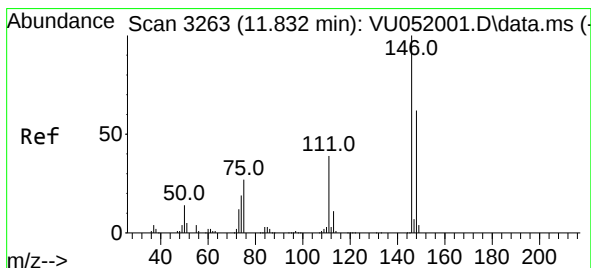
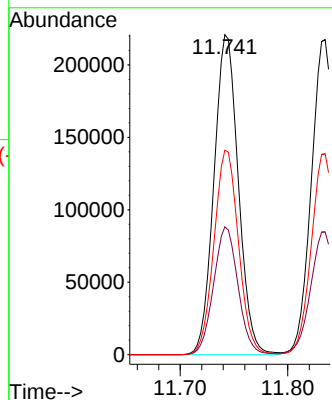
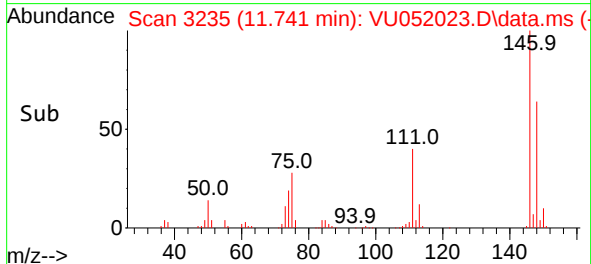


#64
1,3-Dichlorobenzene
Concen: 53.341 ug/L
RT: 11.741 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10

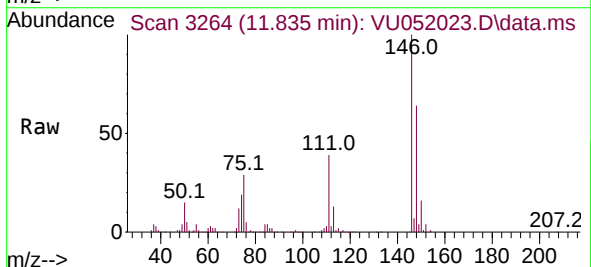
Instrument :
MSVOA_U
ClientSampleId :



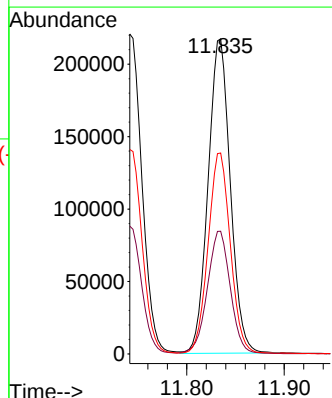
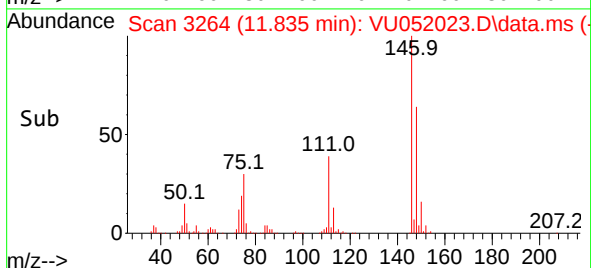
Tgt Ion:146 Resp: 348296
Ion Ratio Lower Upper
146 100
111 39.9 27.5 51.1
148 63.9 44.9 83.3

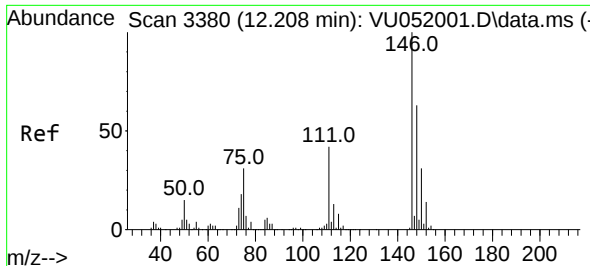


#65
1,4-Dichlorobenzene
Concen: 51.640 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU052023.D
Acq: 22 Nov 2022 03:10



Tgt Ion:146 Resp: 343575
Ion Ratio Lower Upper
146 100
111 39.0 27.6 51.2
148 63.8 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 54.420 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

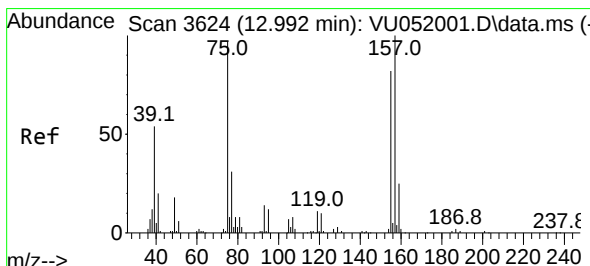
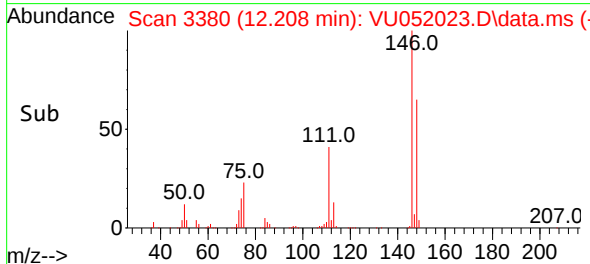
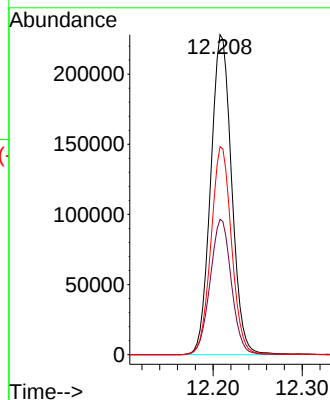
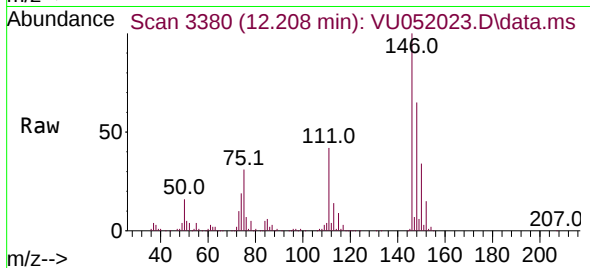
Tgt Ion:146 Resp: 372312

Ion Ratio Lower Upper

146 100

111 42.3 34.2 51.4

148 65.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 52.642 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

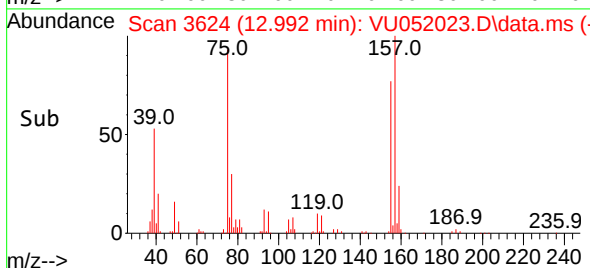
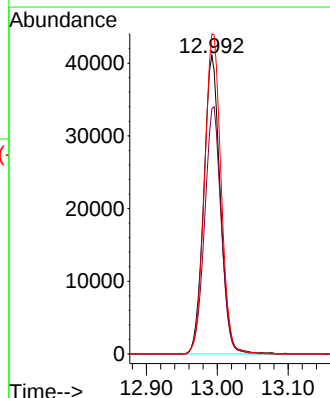
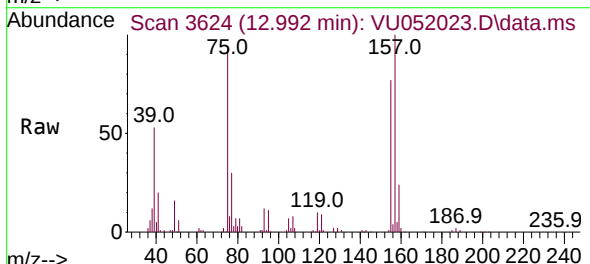
Tgt Ion: 75 Resp: 66480

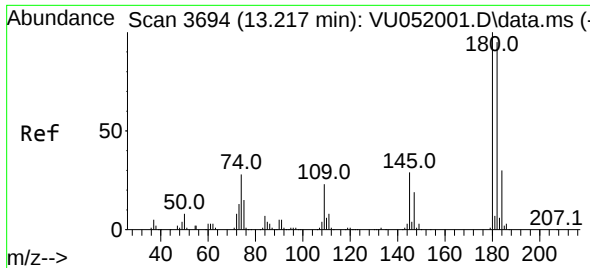
Ion Ratio Lower Upper

75 100

155 82.2 66.3 99.5

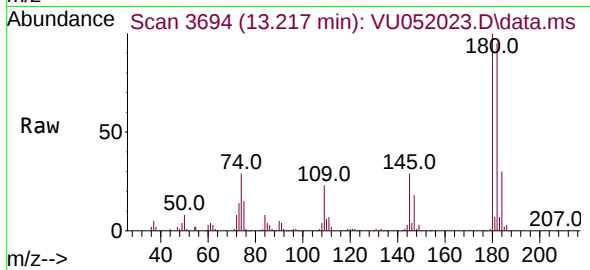
157 107.2 82.8 124.2



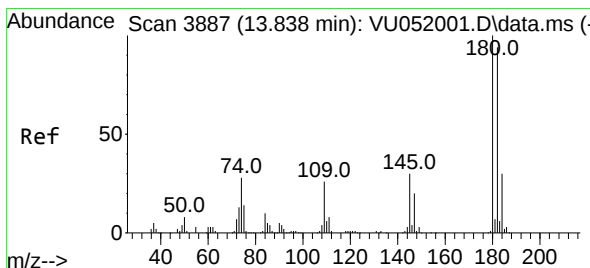
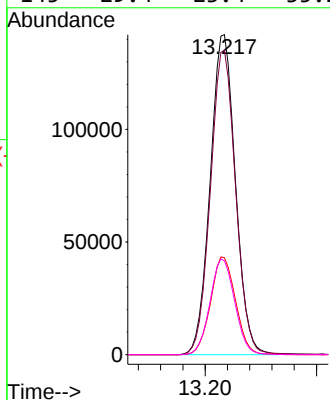
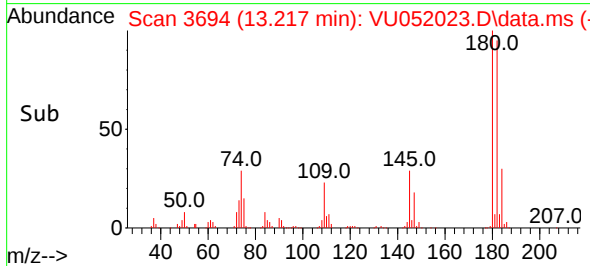


#69
 1,3,5-Trichlorobenzene
 Concen: 51.193 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU052023.D
 Acq: 22 Nov 2022 03:10

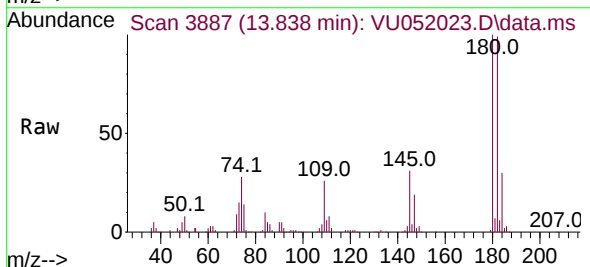
Instrument :
 MSVOA_U
 ClientSampleId :



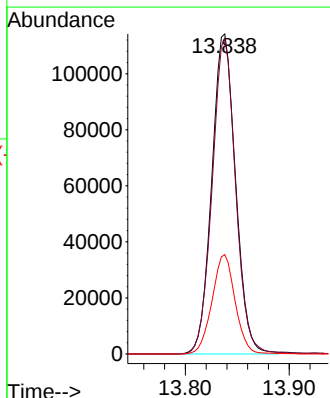
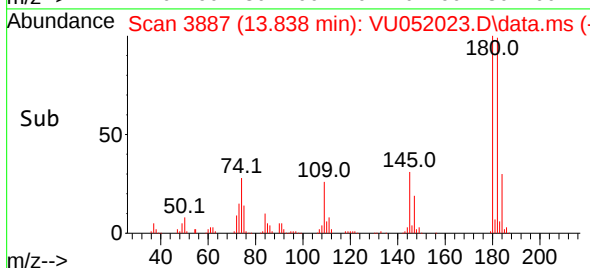
Tgt Ion:180 Resp: 223157
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.2 115.8
 184 30.2 24.6 36.8
 145 29.4 23.4 35.2

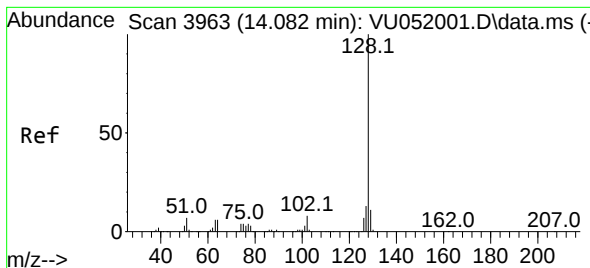


#70
 1,2,4-trichlorobenzene
 Concen: 51.954 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU052023.D
 Acq: 22 Nov 2022 03:10



Tgt Ion:180 Resp: 181927
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.4 113.2
 145 30.2 23.4 35.0





#71

Naphthalene

Concen: 60.592 ug/L

RT: 14.082 min Scan# 3963

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

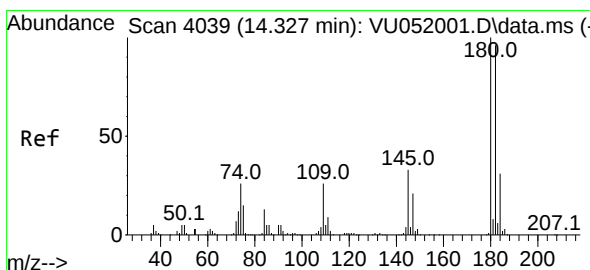
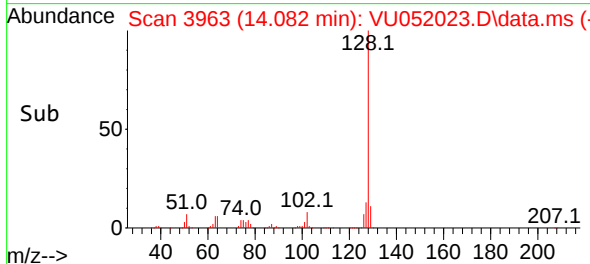
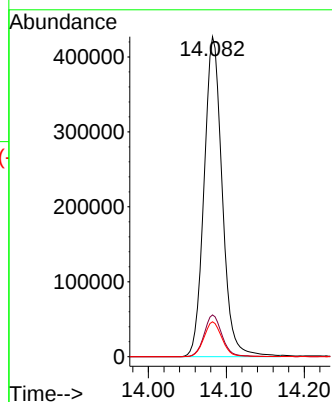
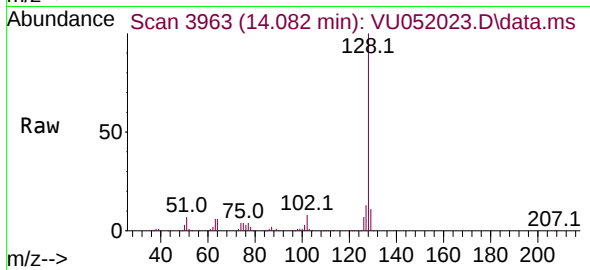
Tgt Ion:128 Resp: 690763

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 56.384 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU052023.D

Acq: 22 Nov 2022 03:10

Tgt Ion:180 Resp: 213900

Ion Ratio Lower Upper

180 100

182 94.1 76.1 114.1

145 31.4 25.8 38.6

