

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052030.D
 Acq On : 22 Nov 2022 07:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 07:20:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 03:27:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	467925	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	464425	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	226954	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	187789	46.312	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.620%
7) Chloroethane-d5	1.903	69	160124	49.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.720%
11) 1,1-Dichloroethene-d2	2.565	63	289609	48.183	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.360%
21) 2-Butanone-d5	4.616	46	246351	101.100	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.100%
24) Chloroform-d	5.060	84	330072	49.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.360%
26) 1,2-Dichloroethane-d4	5.697	65	197222	49.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.720%
32) Benzene-d6	5.726	84	680032	49.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.240%
36) 1,2-Dichloropropane-d6	6.687	67	220017	49.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.940%
41) Toluene-d8	7.896	98	616292	49.829	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.660%
43) trans-1,3-Dichloroprop...	8.176	79	87015	45.963	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.920%
47) 2-Hexanone-d5	8.629	63	179780	103.631	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.630%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	345942	49.169	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.340%
66) 1,2-Dichlorobenzene-d4	12.192	152	225745	48.100	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	125809	50.085	ug/L	99
3) Chloromethane	1.523	50	180706	50.199	ug/L	99
5) Vinyl chloride	1.604	62	184587	49.941	ug/L	99
6) Bromomethane	1.842	94	96186	51.847	ug/L	99
8) Chloroethane	1.925	64	123543	50.974	ug/L	99
9) Trichlorofluoromethane	2.134	101	221157	50.052	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	140468	49.512	ug/L	98
12) 1,1-Dichloroethene	2.578	96	135187	49.895	ug/L	97
13) Acetone	2.620	43	164519	73.910	ug/L	99
14) Carbon disulfide	2.790	76	324203	47.320	ug/L	99
15) Methyl Acetate	2.941	43	187899	52.874	ug/L	98
16) Methylene chloride	3.044	84	207679	50.326	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	144861	50.250	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	494771	52.839	ug/L	99
19) 1,1-Dichloroethane	3.867	63	308746	52.057	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	179866	51.968	ug/L	94
22) 2-Butanone	4.697	43	265249	95.573	ug/L	99
23) Bromochloromethane	4.970	128	96555	51.826	ug/L	97
25) Chloroform	5.086	83	318615	52.063	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052030.D
 Acq On : 22 Nov 2022 07:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 07:20:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 03:27:10 2022
 Response via : Initial Calibration

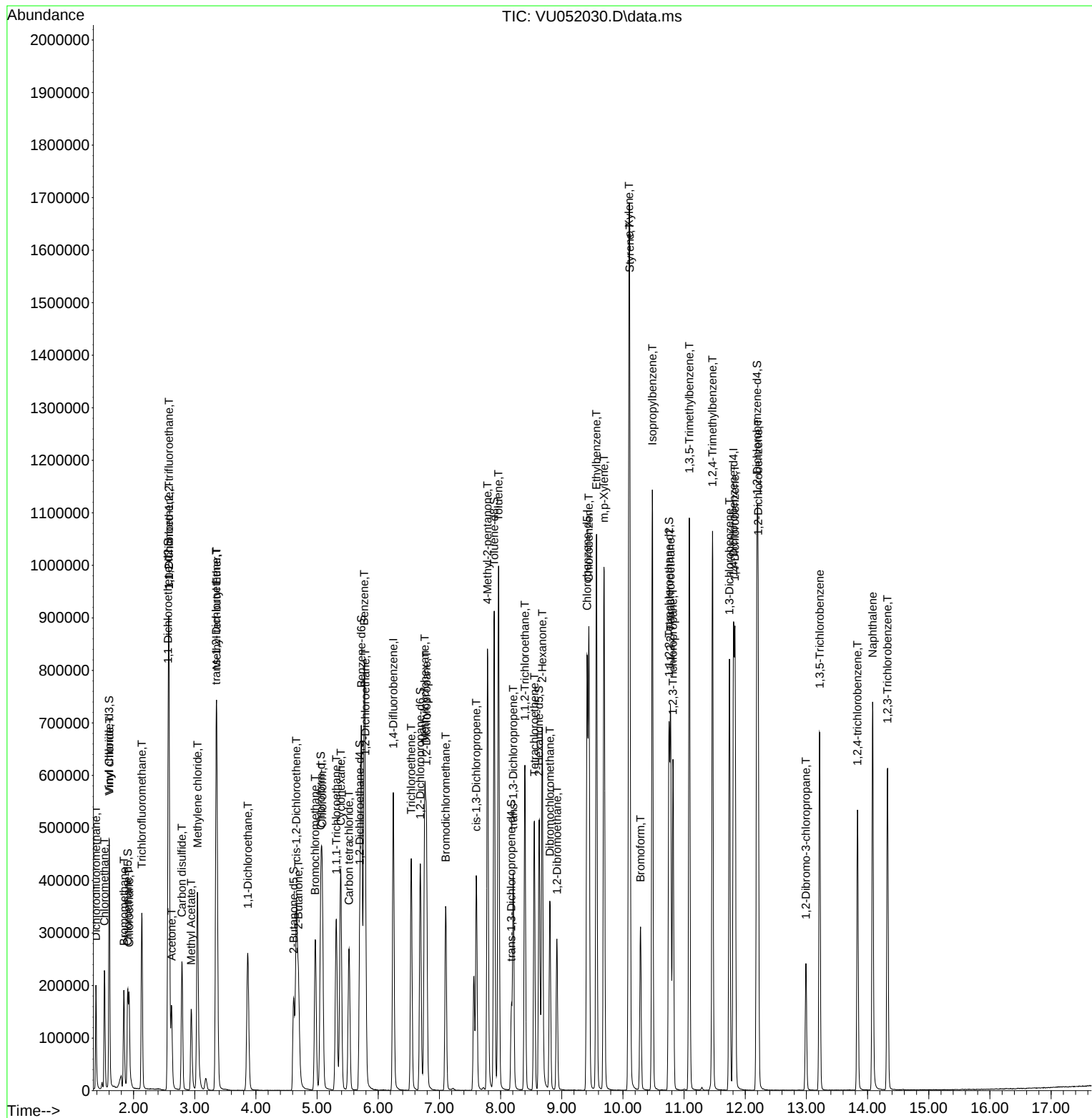
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	233612	50.884	ug/L	99
29) Cyclohexane	5.388	56	210783	51.755	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	237687	49.907	ug/L	99
31) Carbon tetrachloride	5.520	117	189843	49.234	ug/L	98
33) Benzene	5.771	78	709782	51.588	ug/L	100
34) Trichloroethene	6.539	95	158885	49.494	ug/L	99
35) Methylcyclohexane	6.761	83	220588	50.137	ug/L	100
37) 1,2-Dichloropropane	6.787	63	196734	51.184	ug/L	100
38) Bromodichloromethane	7.102	83	235546	49.635	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	254464	48.958	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	520922	106.557	ug/L	99
42) Toluene	7.967	91	746949	52.538	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	236101	48.565	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	193464	51.059	ug/L	98
46) Tetrachloroethene	8.552	164	114488	47.273	ug/L	98
48) 2-Hexanone	8.681	43	415061	102.598	ug/L	100
49) Dibromochloromethane	8.806	129	186507	48.434	ug/L	98
50) 1,2-Dibromoethane	8.922	107	196099	51.529	ug/L	98
51) Chlorobenzene	9.443	112	469721	50.215	ug/L	98
52) Ethylbenzene	9.568	91	747677	51.650	ug/L	98
53) m,p-Xylene	9.690	106	292314	52.264	ug/L	100
54) o-Xylene	10.098	106	303205	53.578	ug/L	99
55) Styrene	10.111	104	515607	53.780	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	359303	52.110	ug/L	100
59) Bromoform	10.288	173	142322	48.420	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	270015	51.237	ug/L	100
61) Isopropylbenzene	10.481	105	736236	53.164	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	596685	53.930	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	589240	54.650	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	343636	51.188	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	338467	49.481	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	367785	52.288	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	63667	49.036	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	216811	48.377	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	171755	47.708	ug/L	99
71) Naphthalene	14.082	128	608510	51.918	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	195916	50.231	ug/L	99

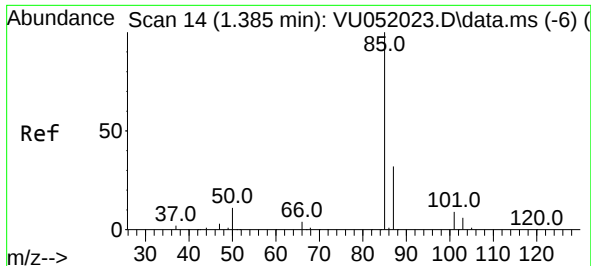
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052030.D
 Acq On : 22 Nov 2022 07:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 07:20:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 03:27:10 2022
 Response via : Initial Calibration

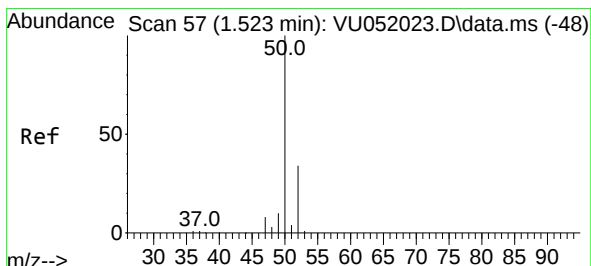
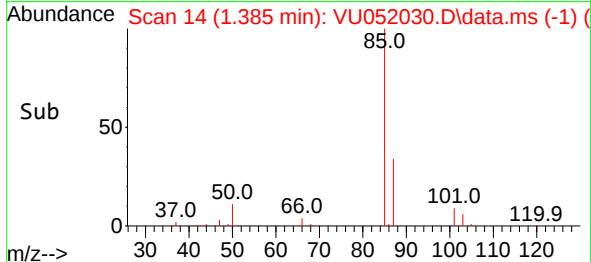
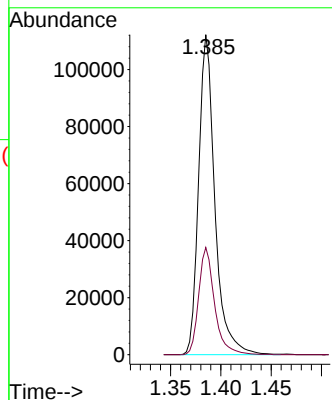
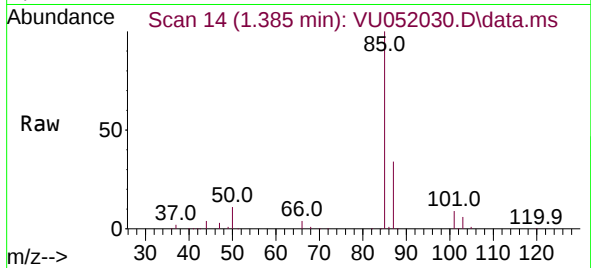




#2
Dichlorodifluoromethane
Concen: 50.085 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

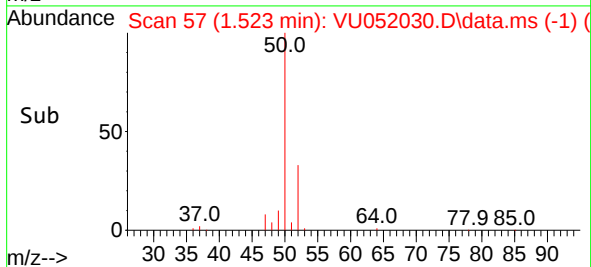
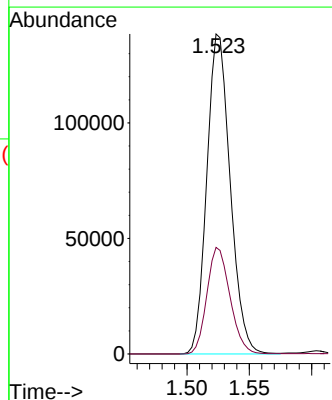
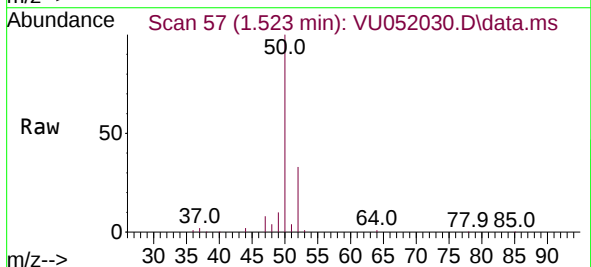
Instrument :
MSVOA_U
ClientSampleId :

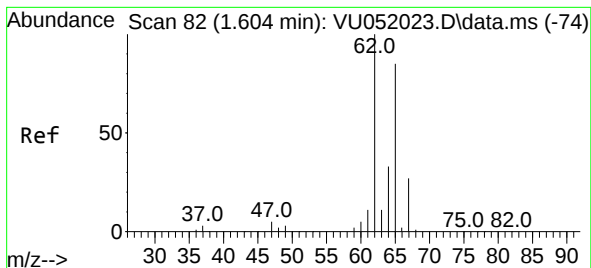
Tgt Ion: 85 Resp: 125809
Ion Ratio Lower Upper
85 100
87 32.7 25.9 38.9



#3
Chloromethane
Concen: 50.199 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

Tgt Ion: 50 Resp: 180706
Ion Ratio Lower Upper
50 100
52 33.3 23.1 42.9





#5

Vinyl chloride

Concen: 49.941 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

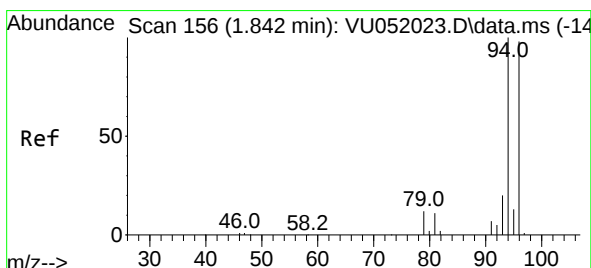
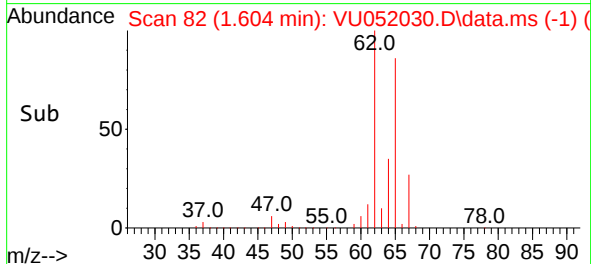
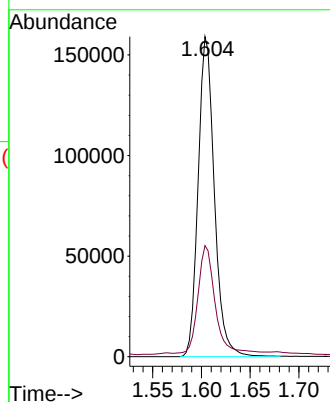
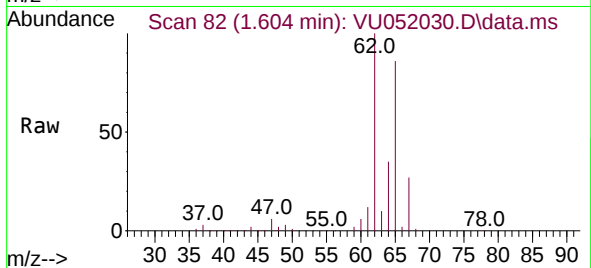
ClientSampleId :

Tgt Ion: 62 Resp: 184587

Ion Ratio Lower Upper

62 100

64 34.7 23.9 44.3



#6

Bromomethane

Concen: 51.847 ug/L

RT: 1.842 min Scan# 156

Delta R.T. 0.000 min

Lab File: VU052030.D

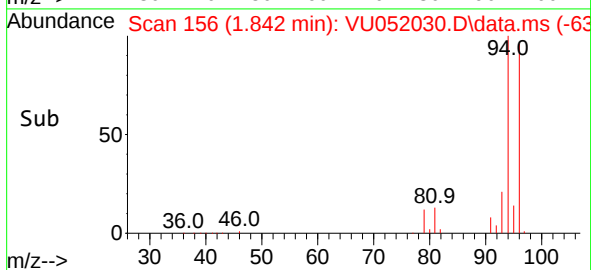
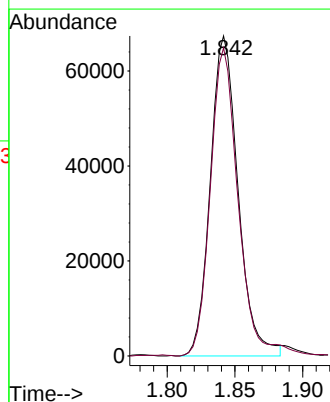
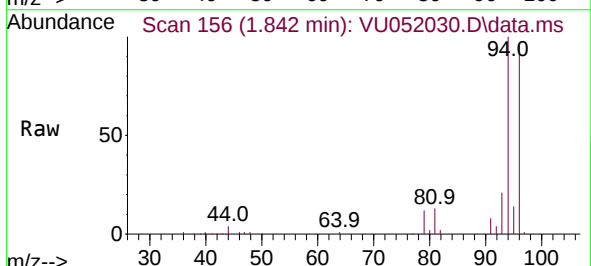
Acq: 22 Nov 2022 07:03

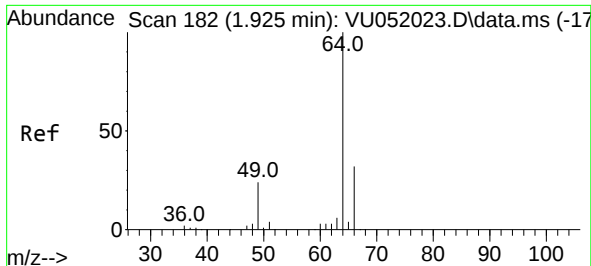
Tgt Ion: 94 Resp: 96186

Ion Ratio Lower Upper

94 100

96 96.3 66.8 124.0

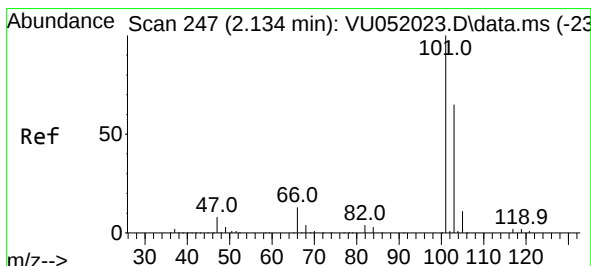
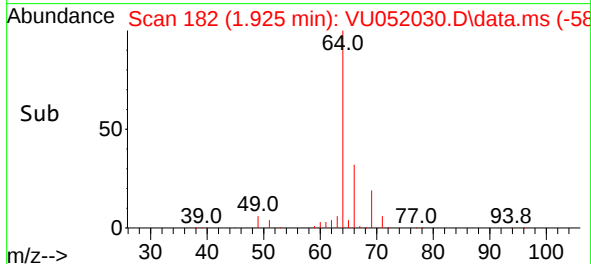
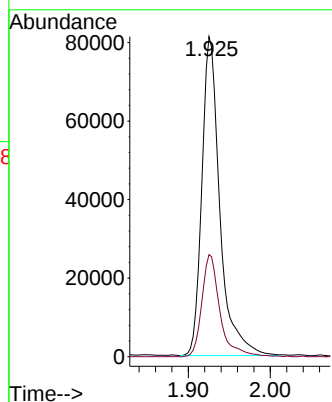
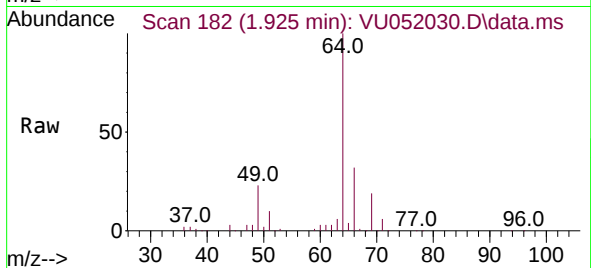




#8
Chloroethane
Concen: 50.974 ug/L
RT: 1.925 min Scan# 182
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

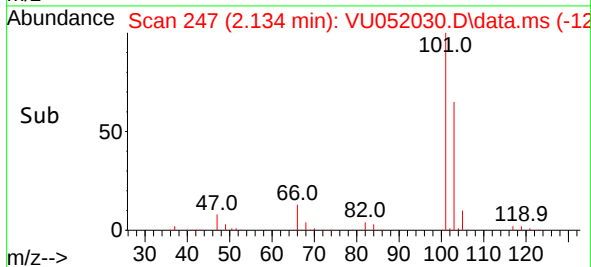
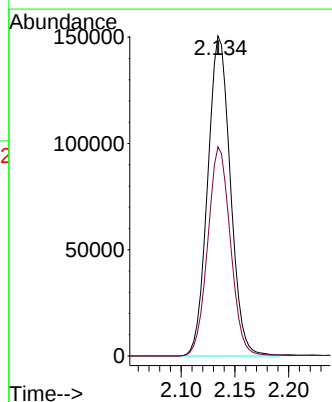
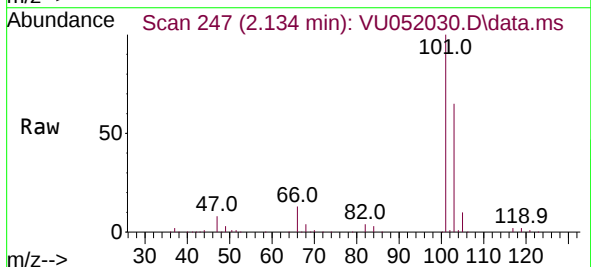
Instrument :
MSVOA_U
ClientSampleId :

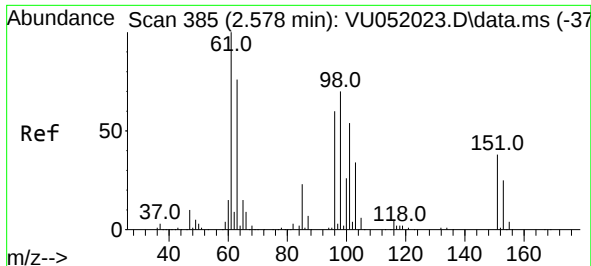
Tgt Ion: 64 Resp: 123543
Ion Ratio Lower Upper
64 100
66 31.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 50.052 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

Tgt Ion:101 Resp: 221157
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

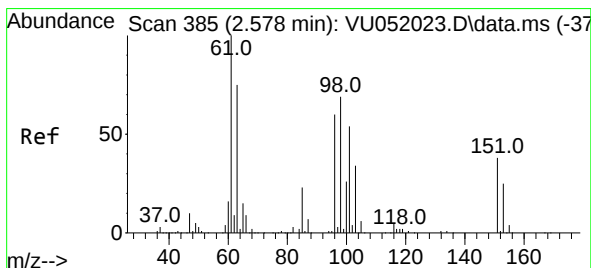
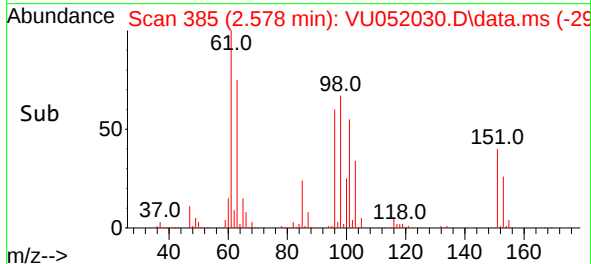
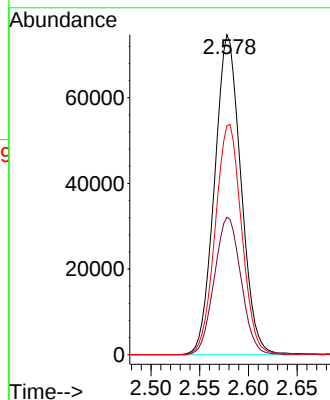
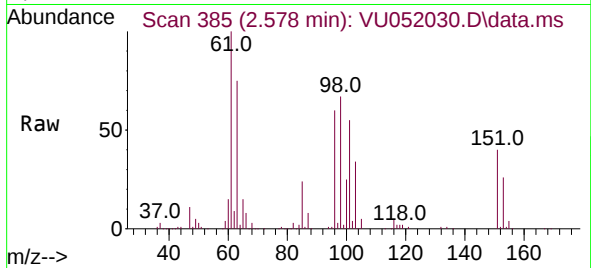




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.512 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052030.D
 Acq: 22 Nov 2022 07:03

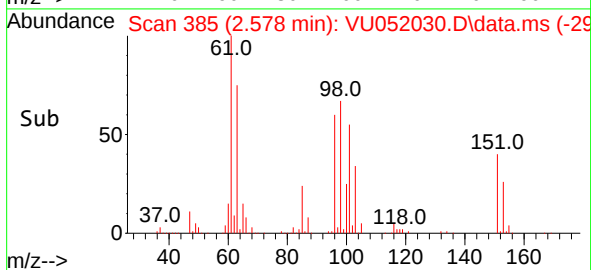
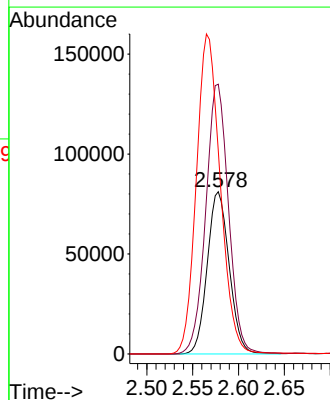
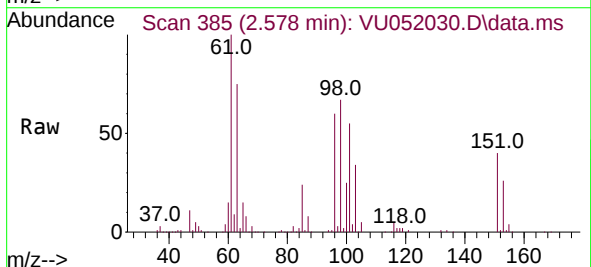
Instrument :
 MSVOA_U
 ClientSampleId :

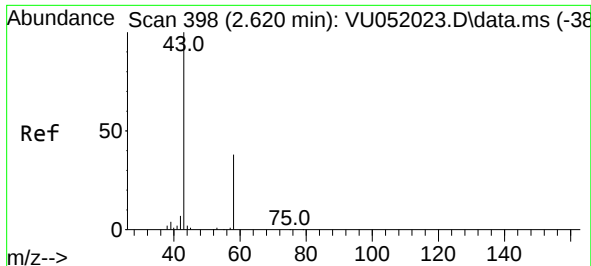
Tgt Ion:101 Resp: 140468
 Ion Ratio Lower Upper
 101 100
 85 43.6 33.6 50.4
 151 72.3 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 49.895 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052030.D
 Acq: 22 Nov 2022 07:03

Tgt Ion: 96 Resp: 135187
 Ion Ratio Lower Upper
 96 100
 61 166.4 114.2 212.0
 63 125.4 90.9 168.7





#13

Acetone

Concen: 73.910 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

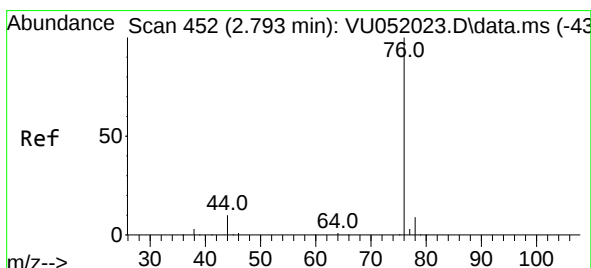
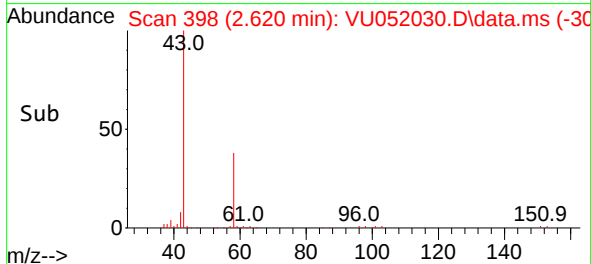
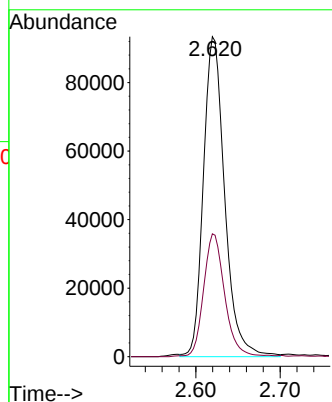
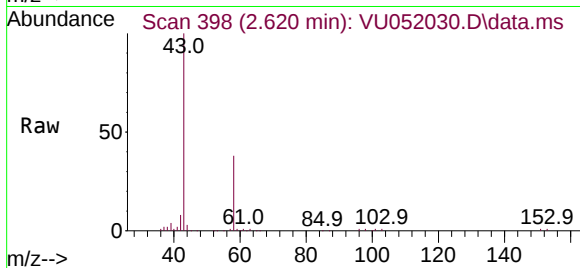
ClientSampleId :

Tgt Ion: 43 Resp: 164519

Ion Ratio Lower Upper

43 100

58 37.8 0.0 76.6



#14

Carbon disulfide

Concen: 47.320 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052030.D

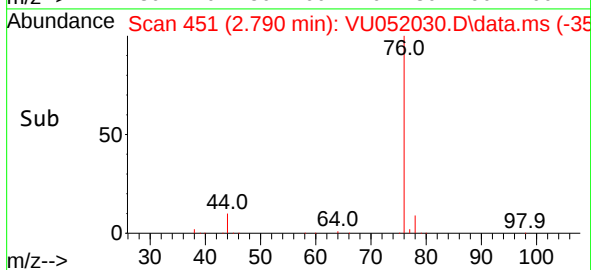
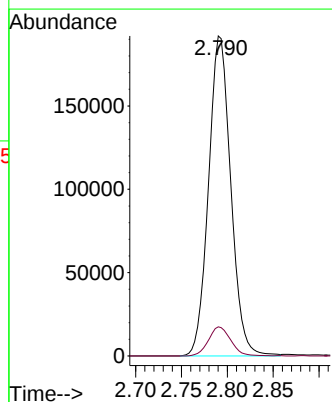
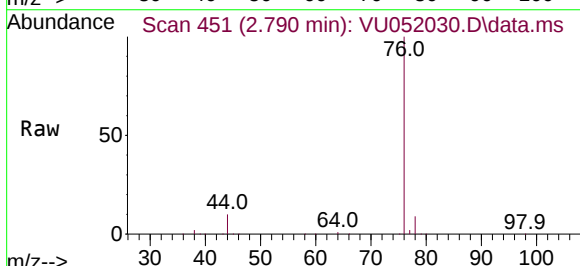
Acq: 22 Nov 2022 07:03

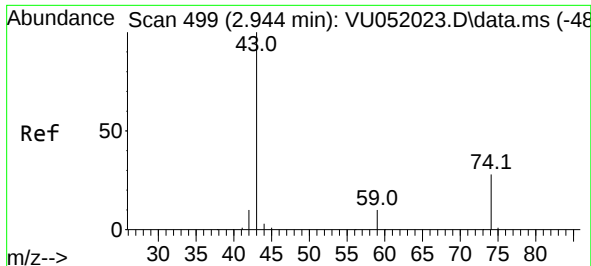
Tgt Ion: 76 Resp: 324203

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

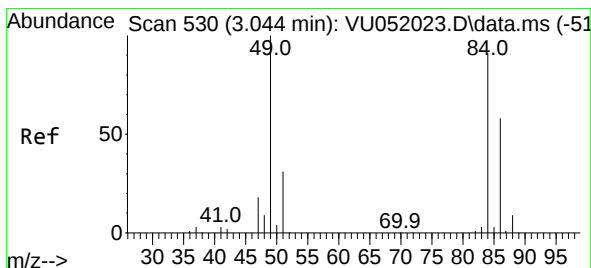
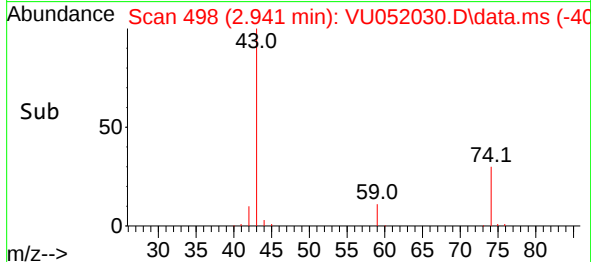
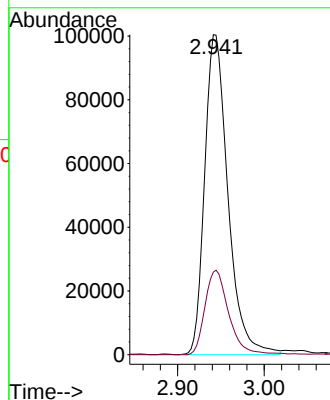
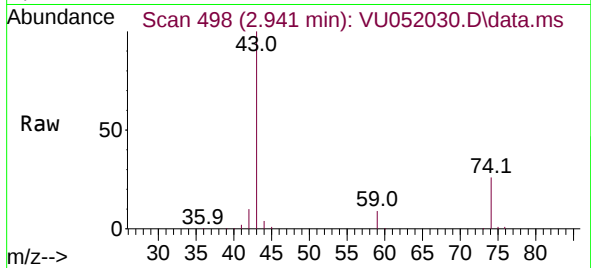




#15
Methyl Acetate
Concen: 52.874 ug/L
RT: 2.941 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

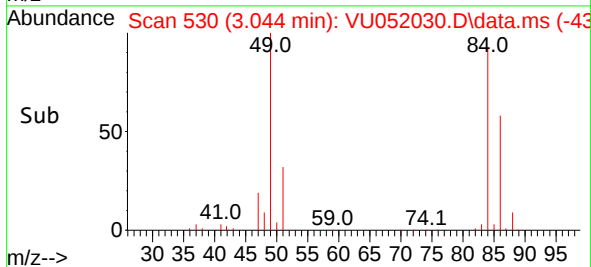
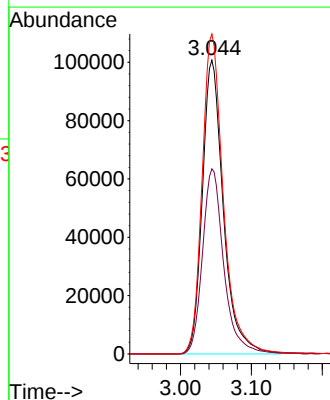
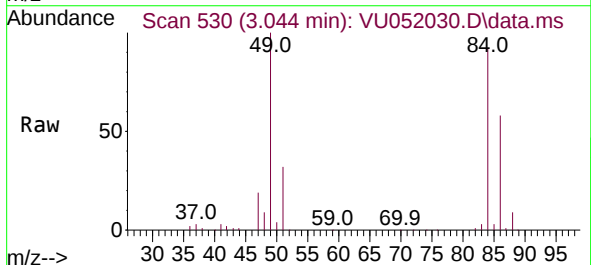
Instrument :
MSVOA_U
ClientSampleId :

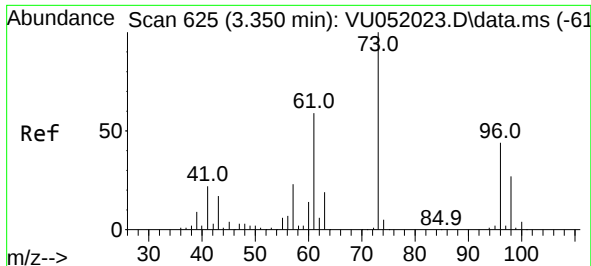
Tgt Ion: 43 Resp: 187899
Ion Ratio Lower Upper
43 100
74 26.9 22.2 33.4



#16
Methylene chloride
Concen: 50.326 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

Tgt Ion: 84 Resp: 207679
Ion Ratio Lower Upper
84 100
86 63.0 45.2 84.0
49 108.9 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 50.250 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

ClientSampleId :

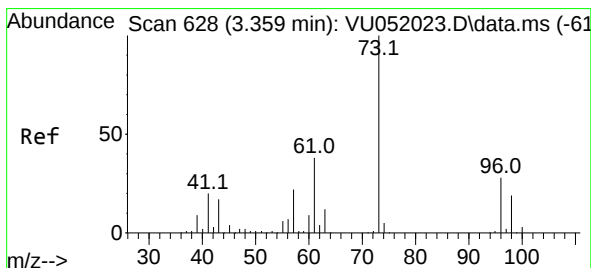
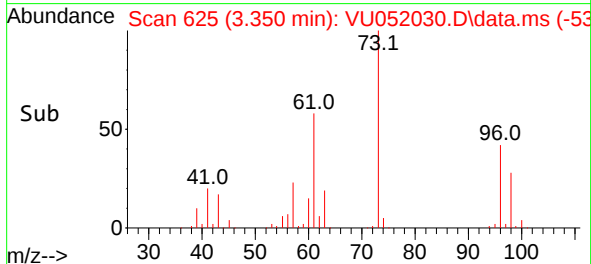
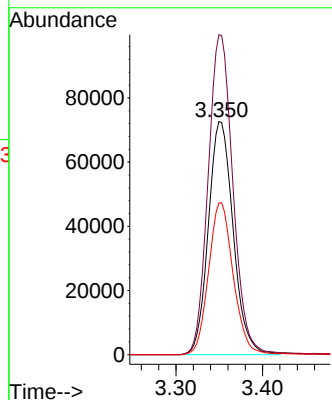
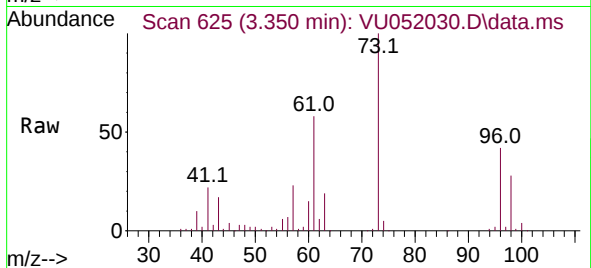
Tgt Ion: 96 Resp: 144861

Ion Ratio Lower Upper

96 100

61 137.2 93.9 174.3

98 65.0 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 52.839 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

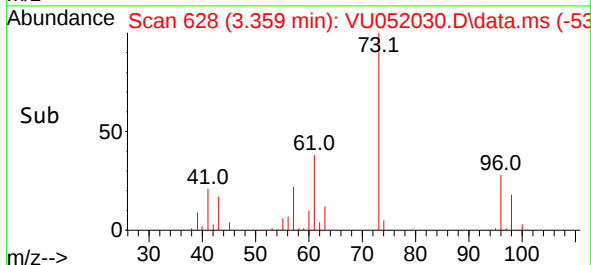
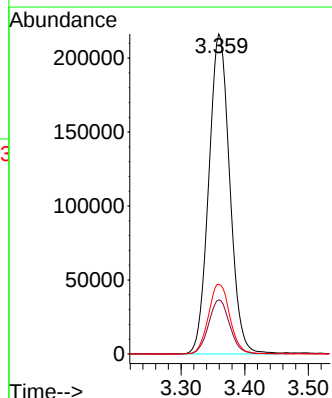
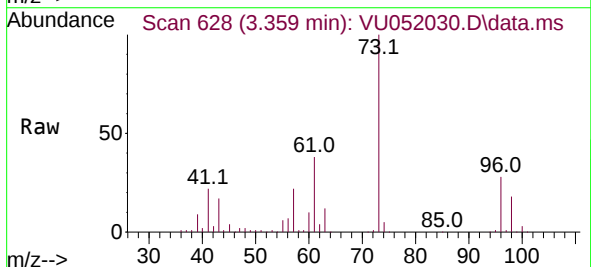
Tgt Ion: 73 Resp: 494771

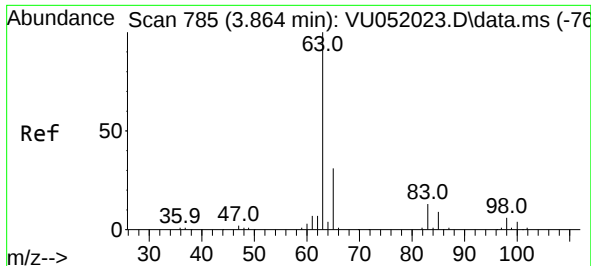
Ion Ratio Lower Upper

73 100

43 17.1 13.1 19.7

57 22.3 17.8 26.6





#19

1,1-Dichloroethane

Concen: 52.057 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

ClientSampleId :

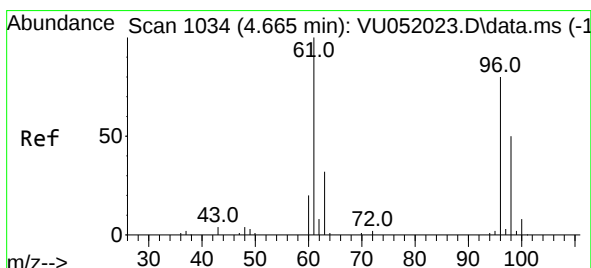
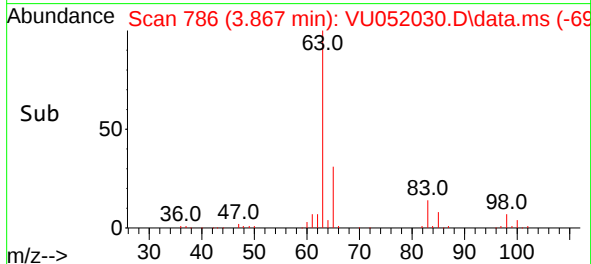
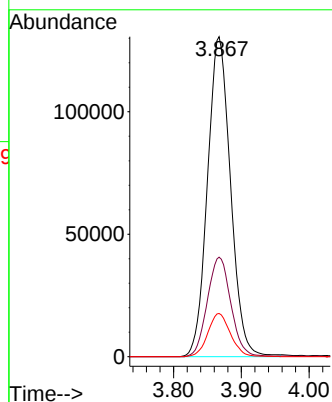
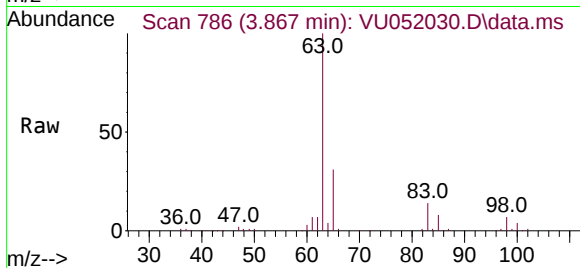
Tgt Ion: 63 Resp: 308746

Ion Ratio Lower Upper

63 100

65 31.1 22.3 41.3

83 13.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 51.968 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

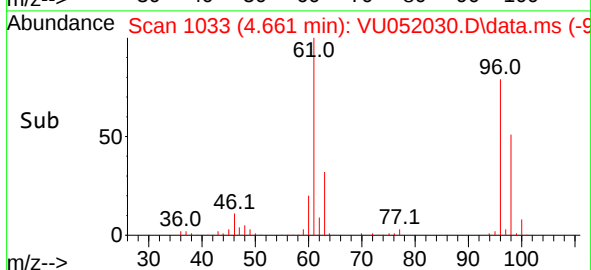
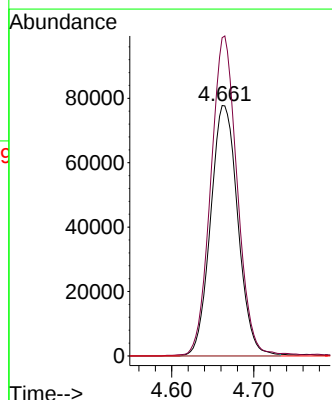
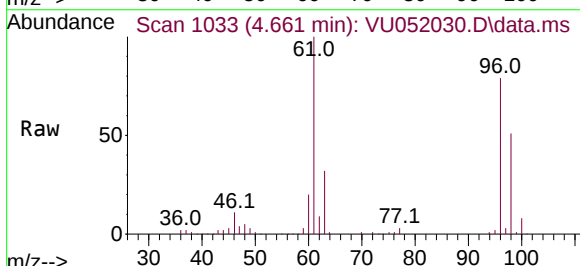
Tgt Ion: 96 Resp: 179866

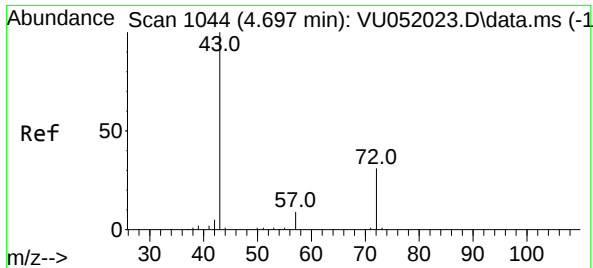
Ion Ratio Lower Upper

96 100

61 127.1 84.5 156.9

68 0.0 0.0 0.0

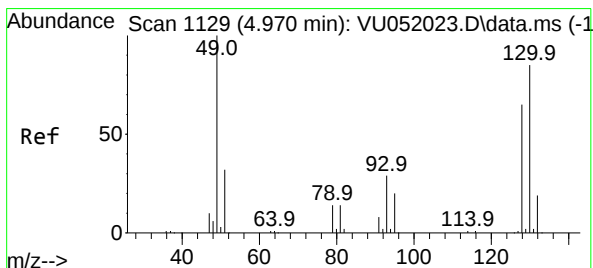
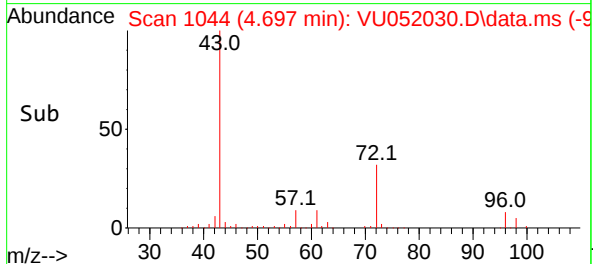
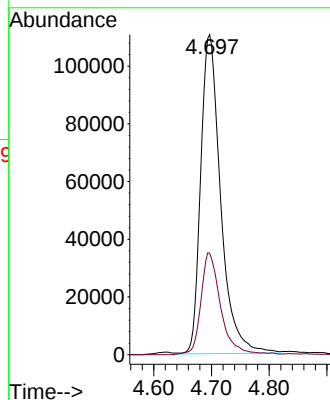
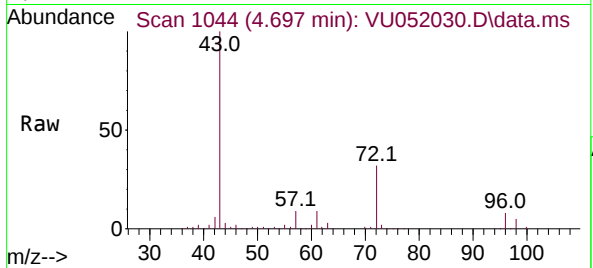




#22
2-Butanone
Concen: 95.573 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

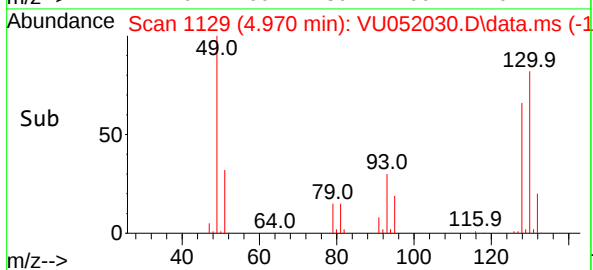
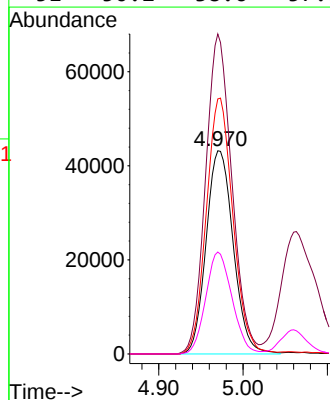
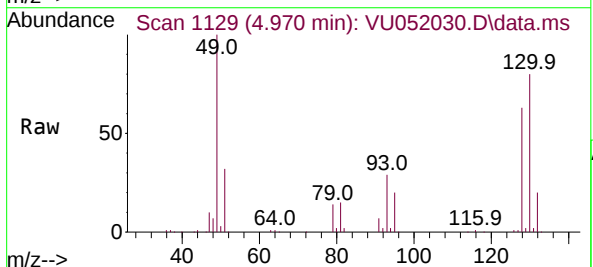
Instrument :
MSVOA_U
ClientSampleId :

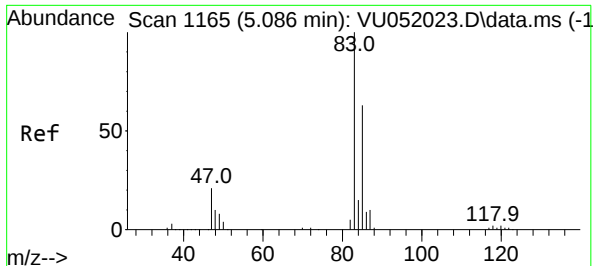
Tgt Ion: 43 Resp: 265249
Ion Ratio Lower Upper
43 100
72 31.3 15.9 47.7



#23
Bromochloromethane
Concen: 51.826 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

Tgt Ion:128 Resp: 96555
Ion Ratio Lower Upper
128 100
49 157.5 106.3 197.3
130 125.5 87.4 162.2
51 50.2 38.6 57.8





#25

Chloroform

Concen: 52.063 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

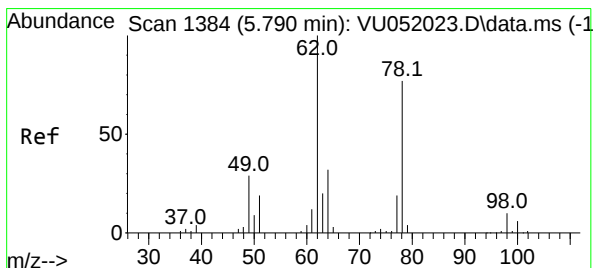
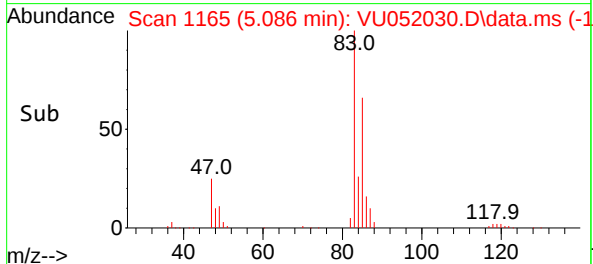
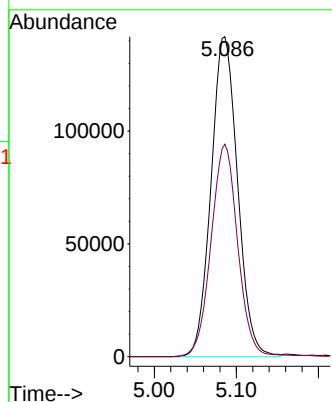
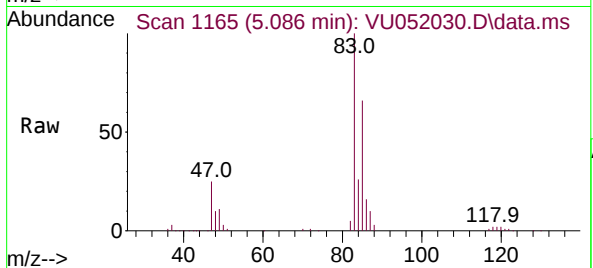
ClientSampleId :

Tgt Ion: 83 Resp: 318615

Ion Ratio Lower Upper

83 100

85 66.4 46.3 85.9



#27

1,2-Dichloroethane

Concen: 50.884 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU052030.D

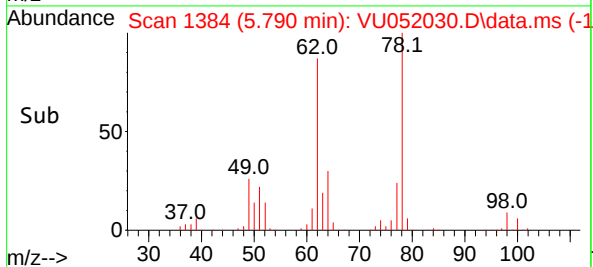
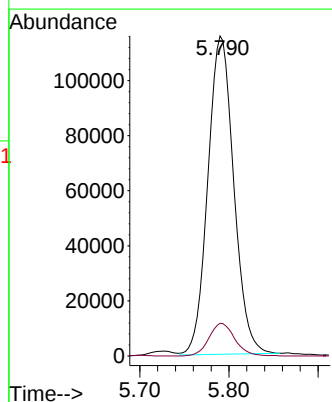
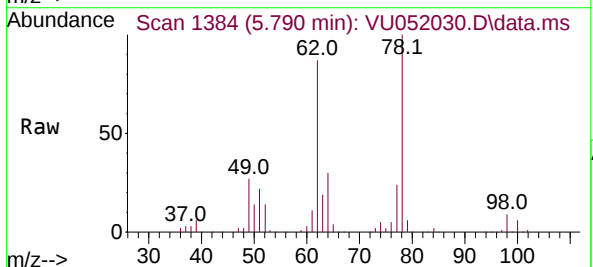
Acq: 22 Nov 2022 07:03

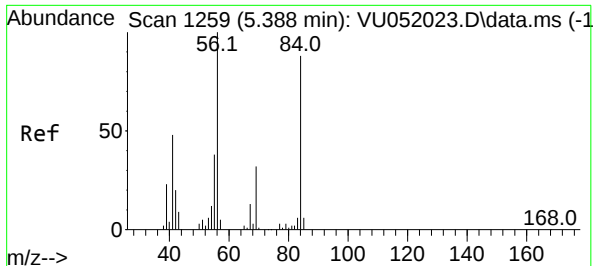
Tgt Ion: 62 Resp: 233612

Ion Ratio Lower Upper

62 100

98 10.2 7.9 11.9





#29

Cyclohexane

Concen: 51.755 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

ClientSampleId :

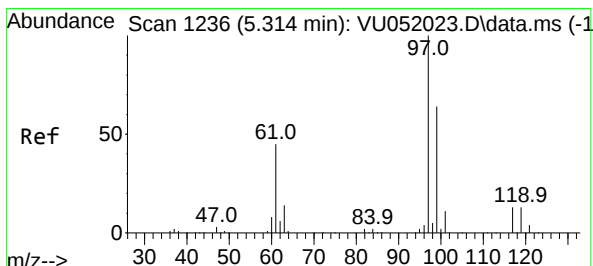
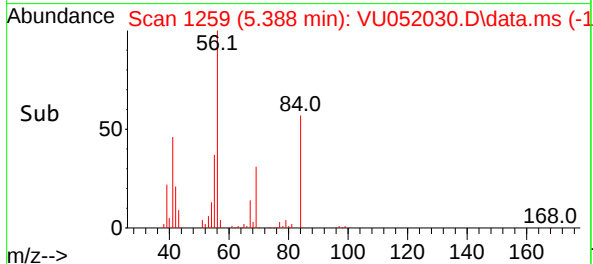
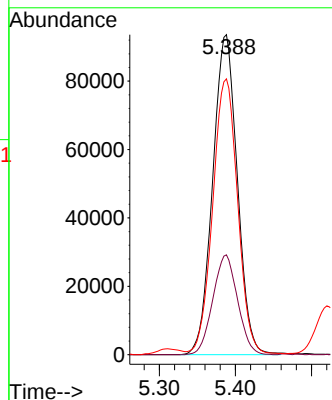
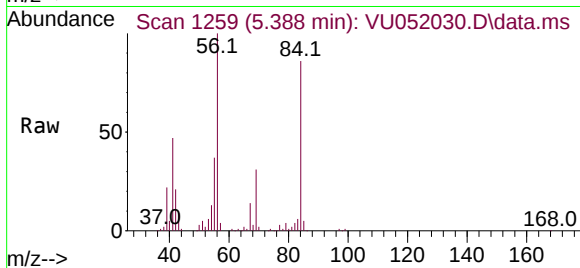
Tgt Ion: 56 Resp: 210783

Ion Ratio Lower Upper

56 100

69 31.3 25.7 38.5

84 86.6 70.2 105.2



#30

1,1,1-Trichloroethane

Concen: 49.907 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

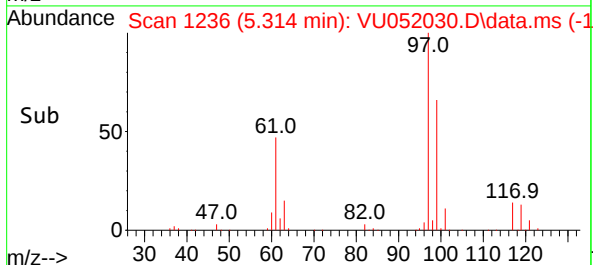
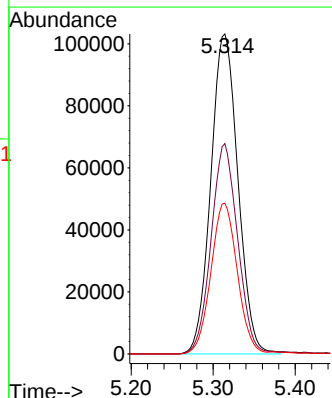
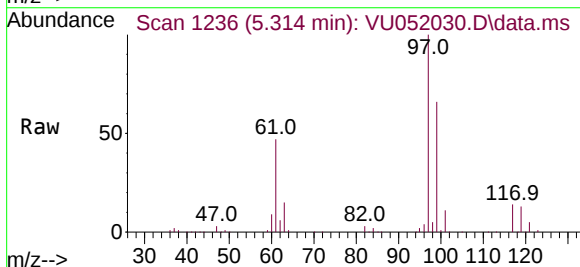
Tgt Ion: 97 Resp: 237687

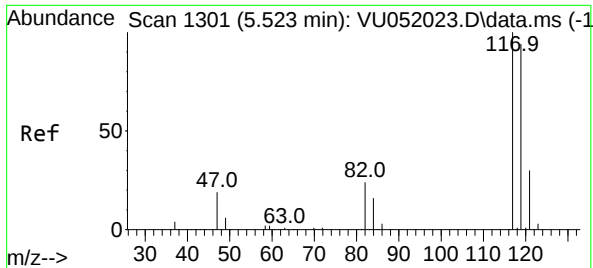
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 45.8 37.2 55.8

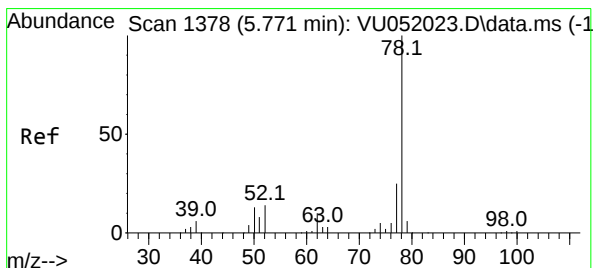
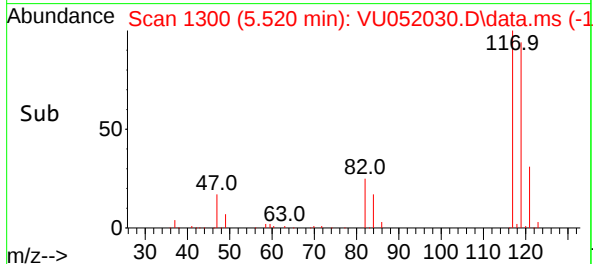
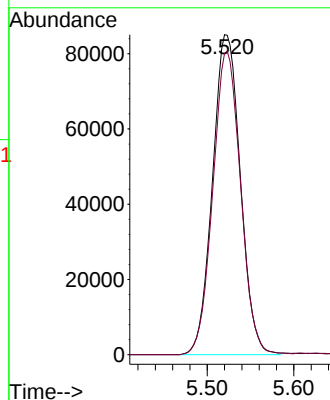
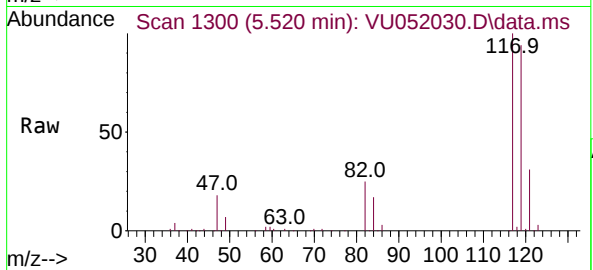




#31
Carbon tetrachloride
Concen: 49.234 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

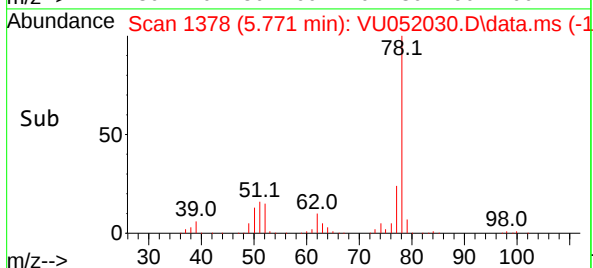
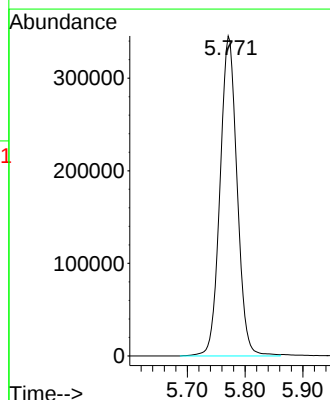
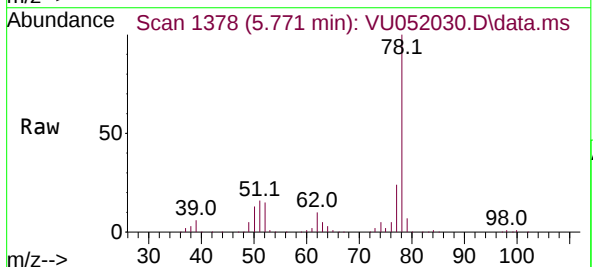
Instrument :
MSVOA_U
ClientSampleId :

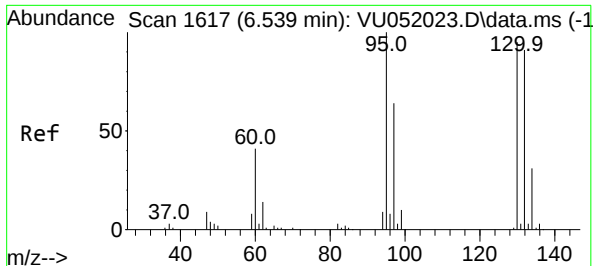
Tgt Ion:117 Resp: 189843
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.2



#33
Benzene
Concen: 51.588 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

Tgt Ion: 78 Resp: 709782

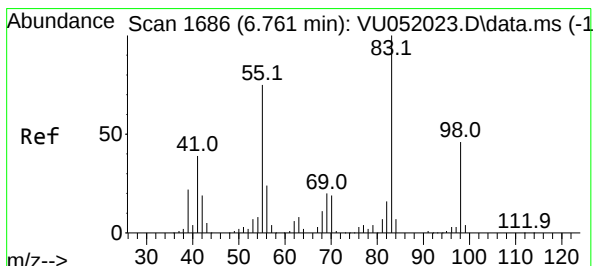
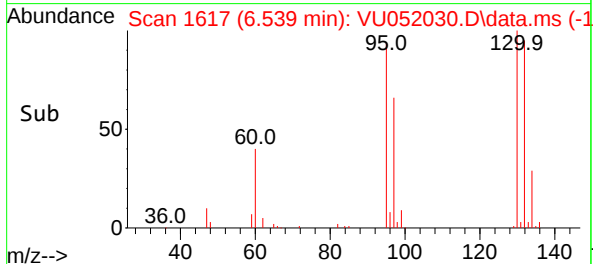
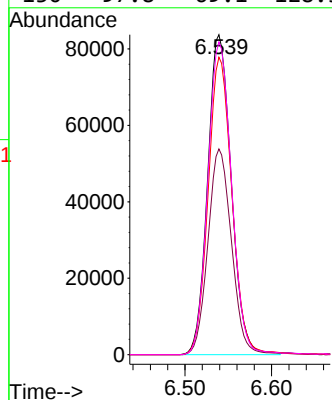
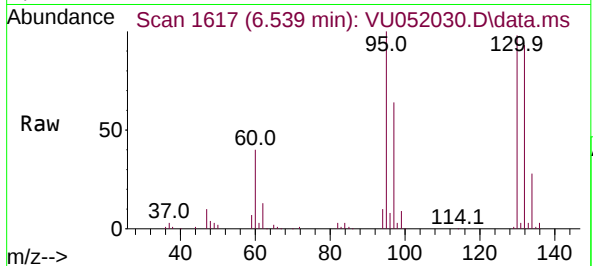




#34
Trichloroethene
Concen: 49.494 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

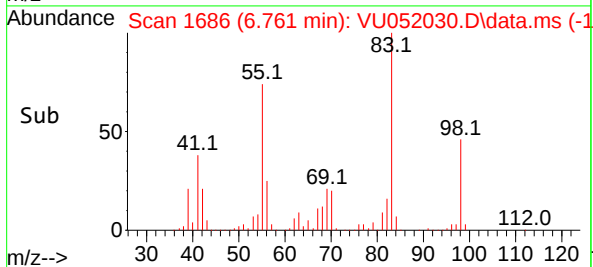
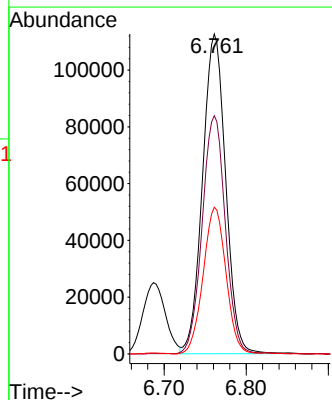
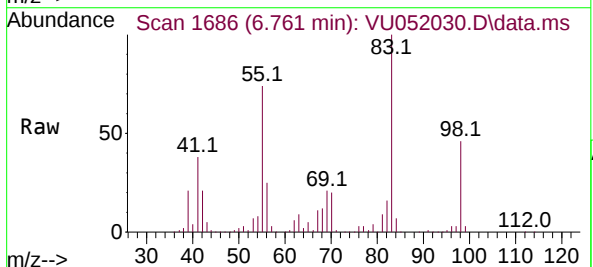
Instrument :
MSVOA_U
ClientSampleId :

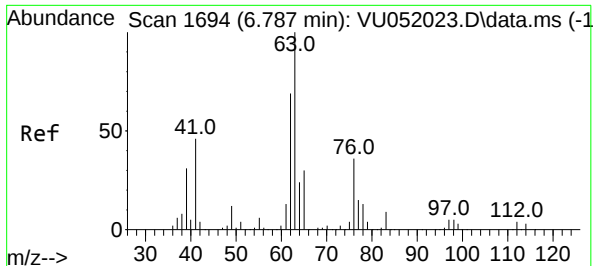
Tgt Ion: 95 Resp: 158885
Ion Ratio Lower Upper
95 100
97 64.3 45.3 84.1
132 93.0 66.8 124.2
130 97.8 69.1 128.3



#35
Methylcyclohexane
Concen: 50.137 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

Tgt Ion: 83 Resp: 220588
Ion Ratio Lower Upper
83 100
55 74.3 59.0 88.6
98 45.3 36.0 54.0





#37

1,2-Dichloropropane

Concen: 51.184 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

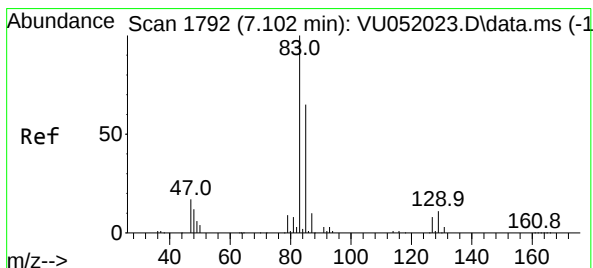
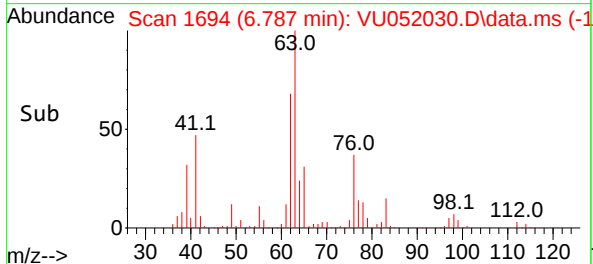
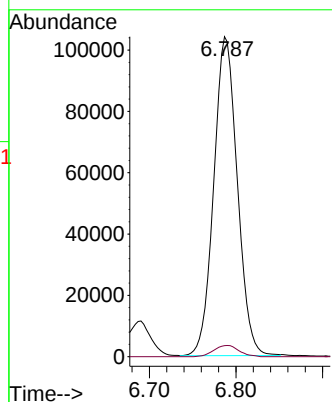
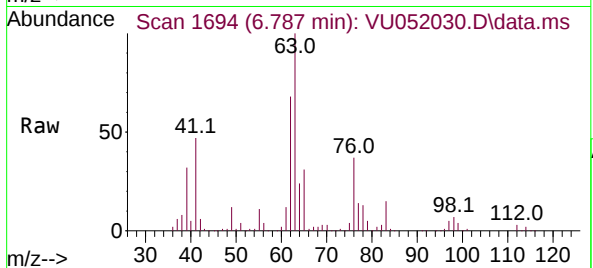
ClientSampleId :

Tgt Ion: 63 Resp: 196734

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 49.635 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

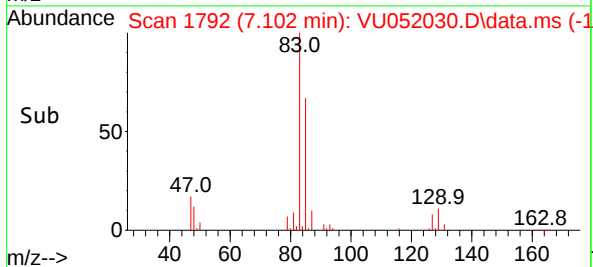
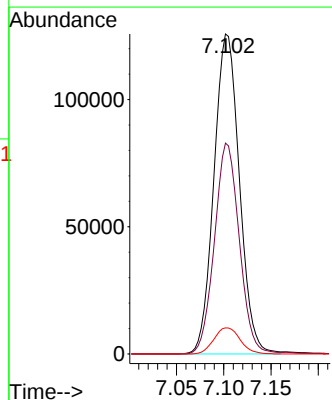
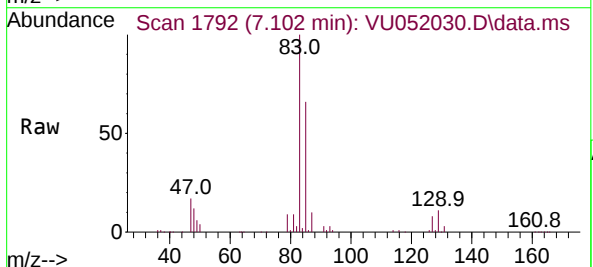
Tgt Ion: 83 Resp: 235546

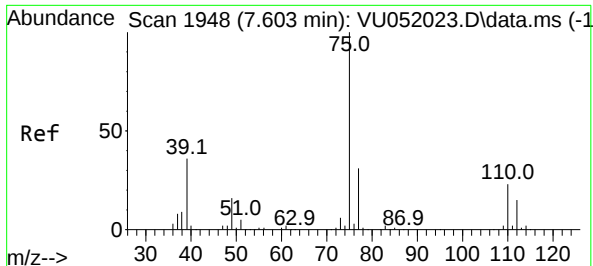
Ion Ratio Lower Upper

83 100

85 65.9 45.9 85.3

127 8.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 48.958 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

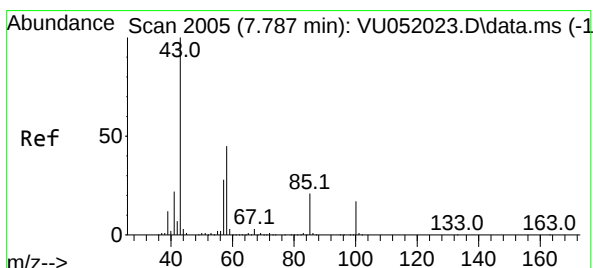
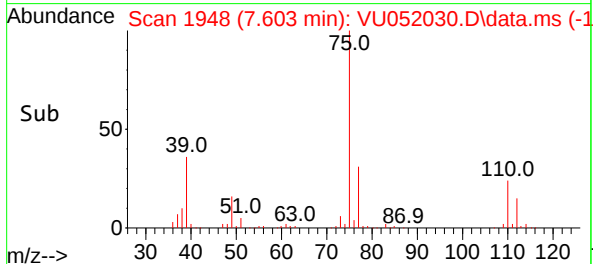
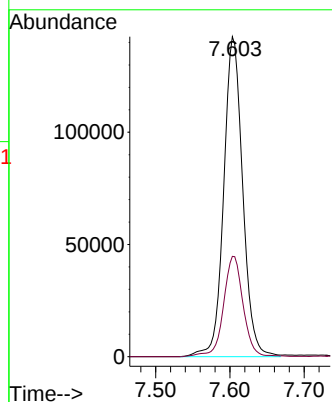
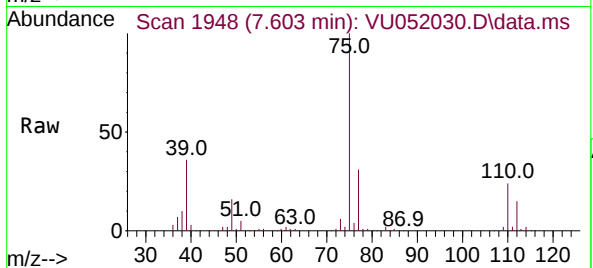
ClientSampleId :

Tgt Ion: 75 Resp: 254464

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 106.557 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

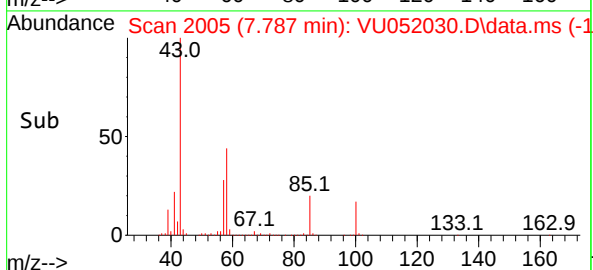
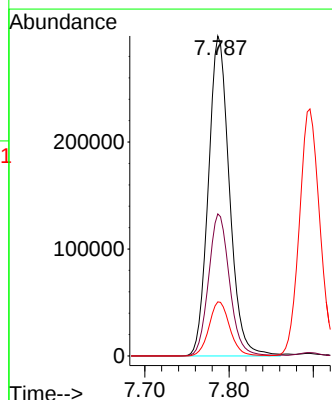
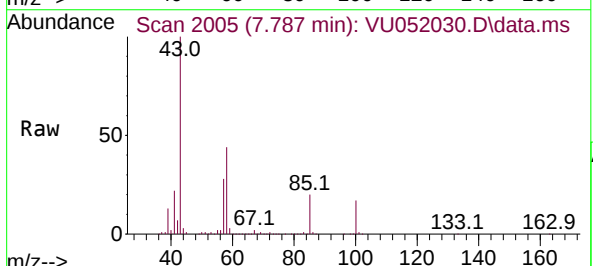
Tgt Ion: 43 Resp: 520922

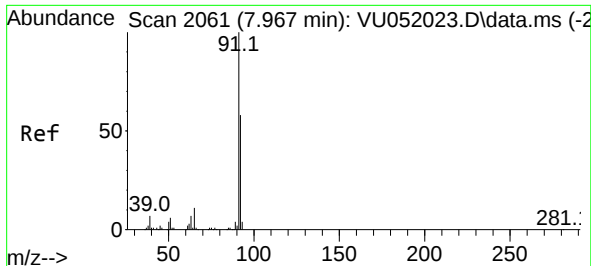
Ion Ratio Lower Upper

43 100

58 44.2 35.8 53.6

100 16.7 13.5 20.3





#42

Toluene

Concen: 52.538 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

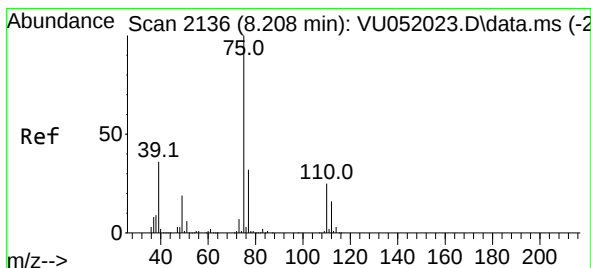
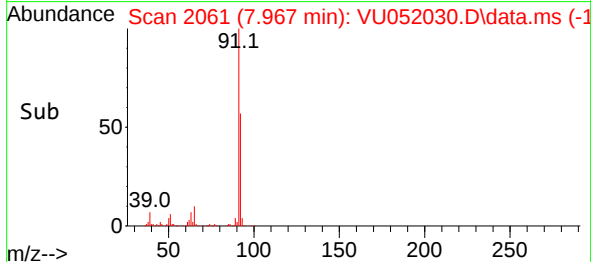
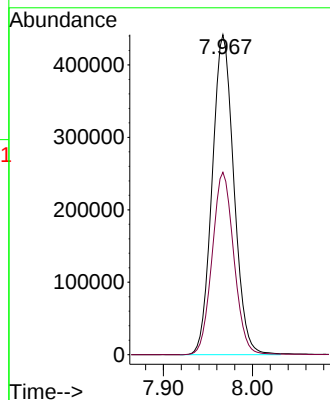
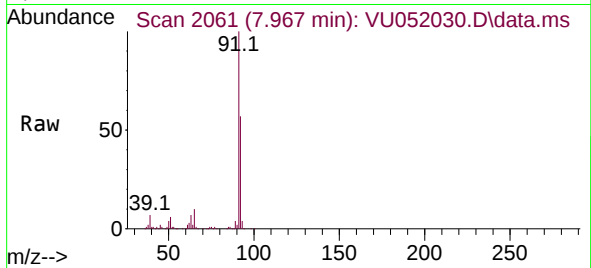
ClientSampleId :

Tgt Ion: 91 Resp: 746949

Ion Ratio Lower Upper

91 100

92 57.0 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 48.565 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU052030.D

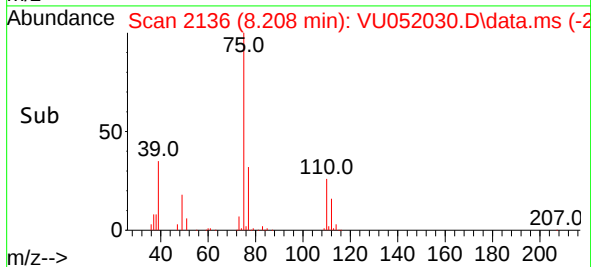
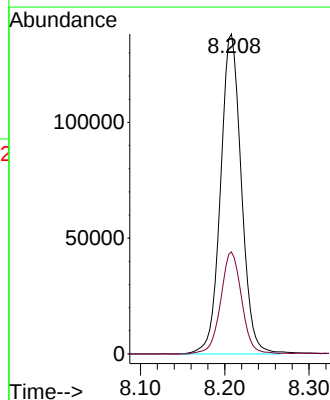
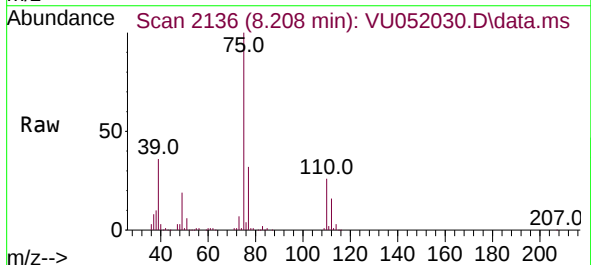
Acq: 22 Nov 2022 07:03

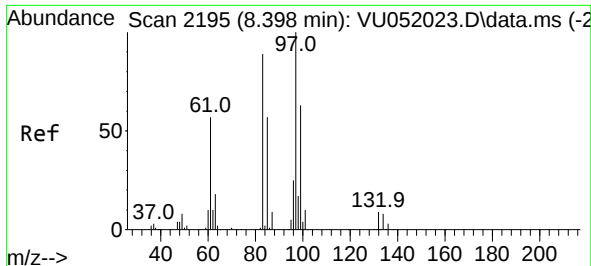
Tgt Ion: 75 Resp: 236101

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 51.059 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 193464

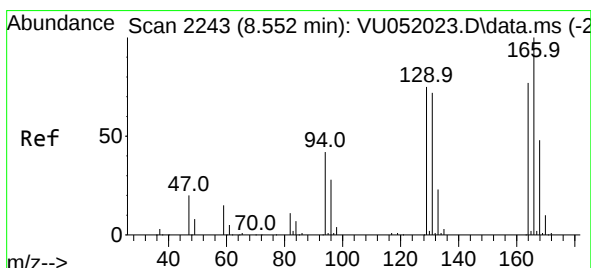
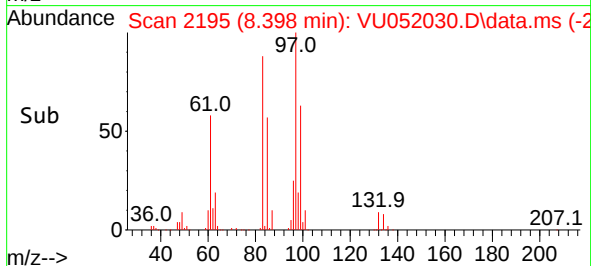
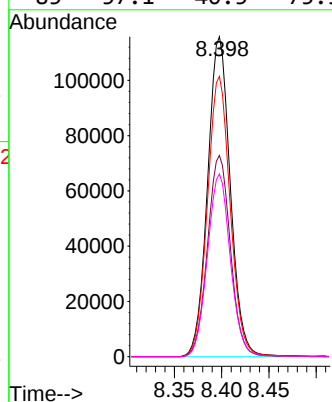
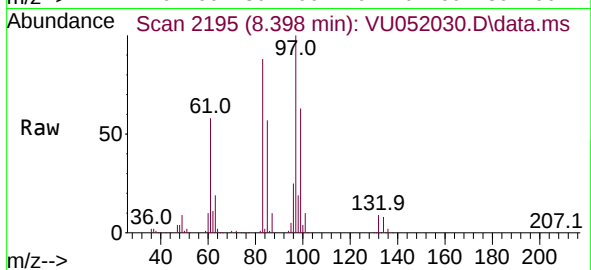
Ion Ratio Lower Upper

97 100

99 62.9 44.4 82.4

83 87.6 63.2 117.4

85 57.1 40.5 75.3



#46

Tetrachloroethene

Concen: 47.273 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Tgt Ion:164 Resp: 114488

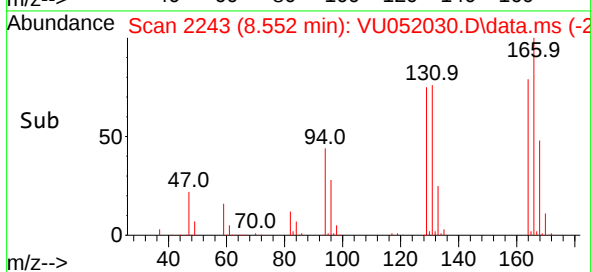
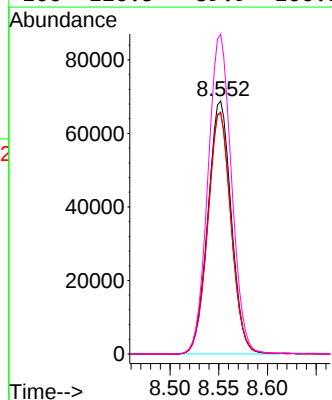
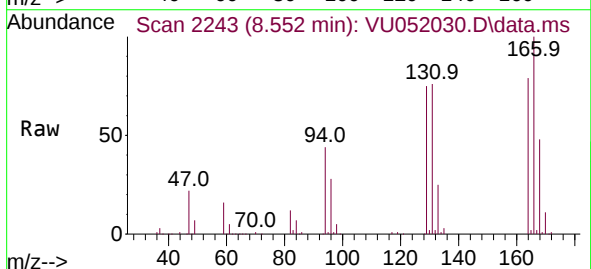
Ion Ratio Lower Upper

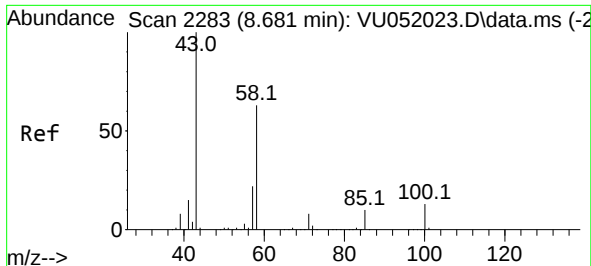
164 100

129 95.2 67.3 124.9

131 95.6 65.2 121.2

166 126.5 89.9 166.9

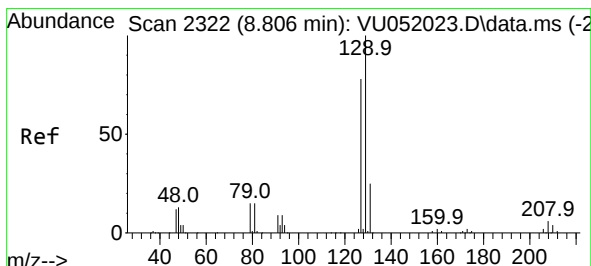
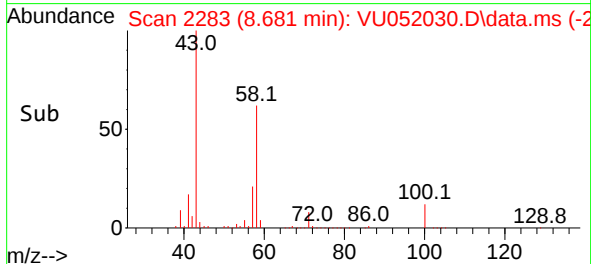
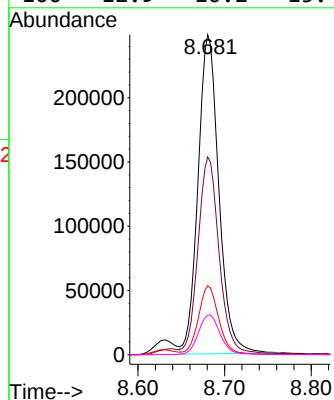
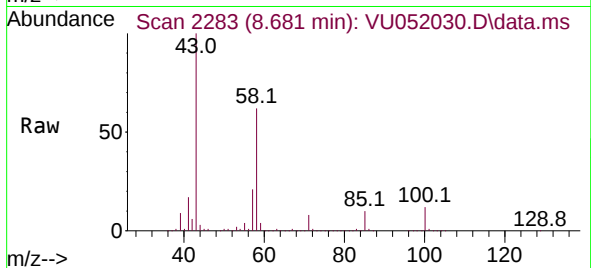




#48
2-Hexanone
Concen: 102.598 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

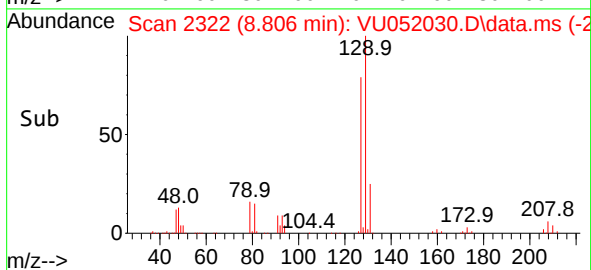
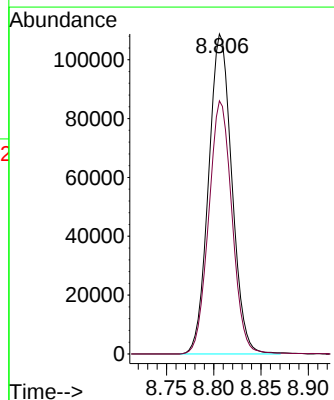
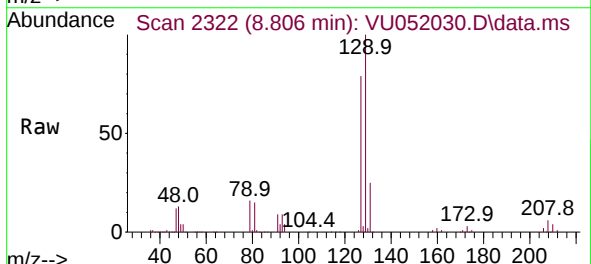
Instrument :
MSVOA_U
ClientSampleId :

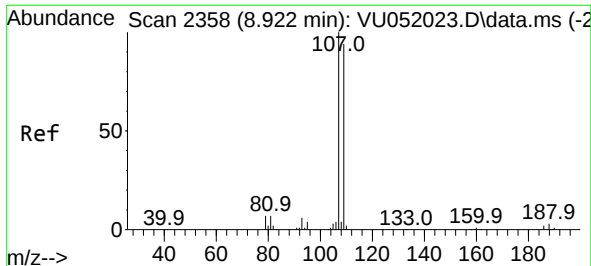
Tgt Ion:	43	Resp:	415061
Ion	Ratio	Lower	Upper
43	100		
58	62.4	49.6	74.4
57	20.8	16.8	25.2
100	12.9	10.2	15.4



#49
Dibromochloromethane
Concen: 48.434 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

Tgt Ion:	129	Resp:	186507
Ion	Ratio	Lower	Upper
129	100		
127	79.1	54.5	101.1





#50

1,2-Dibromoethane

Concen: 51.529 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

ClientSampleId :

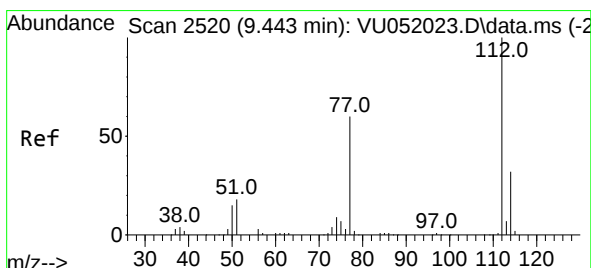
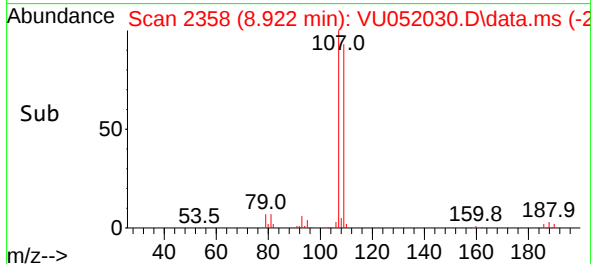
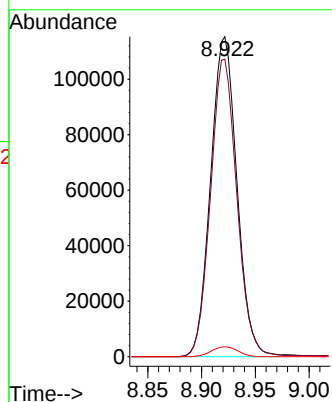
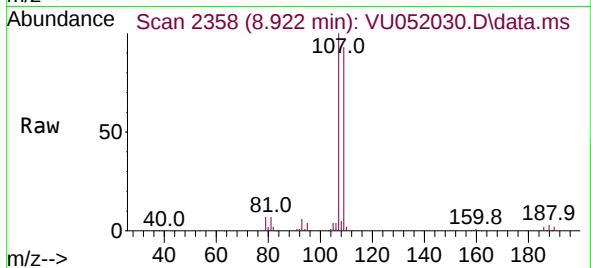
Tgt Ion:107 Resp: 196099

Ion Ratio Lower Upper

107 100

109 93.0 66.6 123.8

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 50.215 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

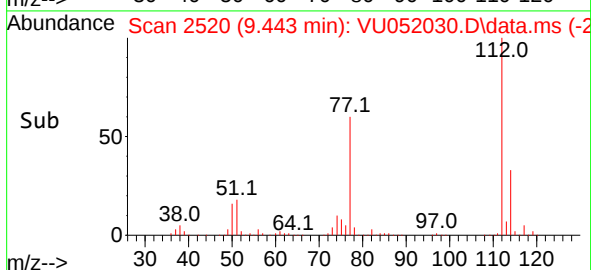
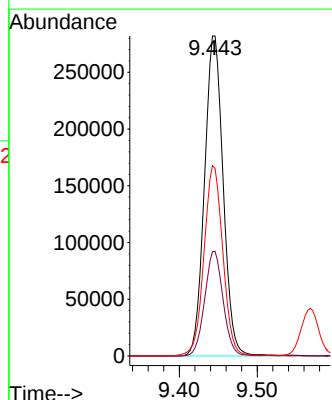
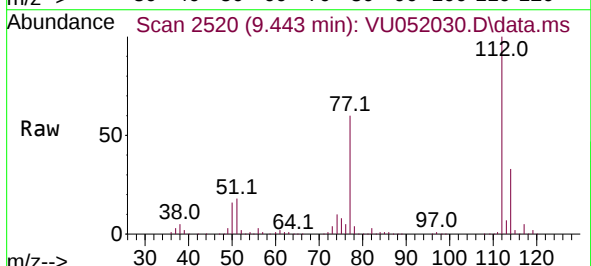
Tgt Ion:112 Resp: 469721

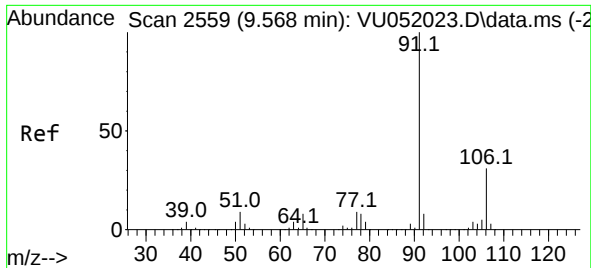
Ion Ratio Lower Upper

112 100

114 32.6 22.2 41.2

77 59.5 46.5 69.7

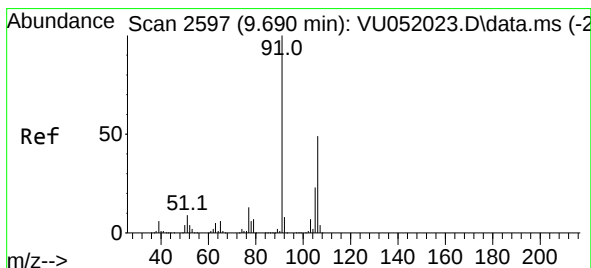
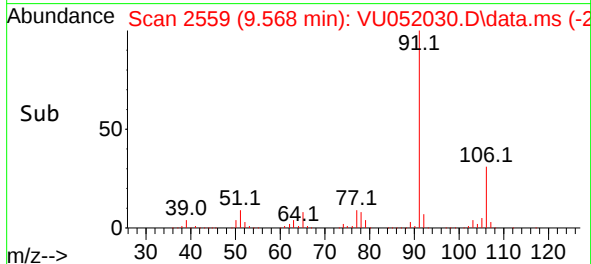
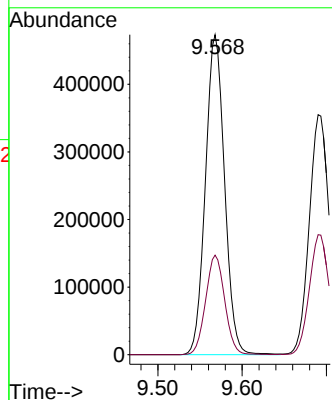
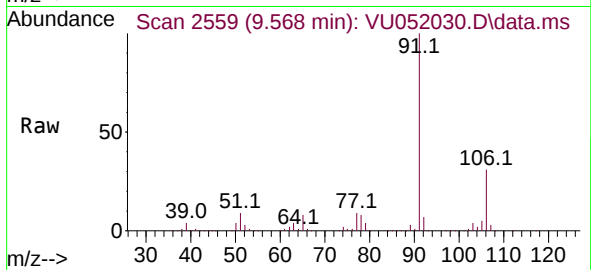




#52
Ethylbenzene
Concen: 51.650 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

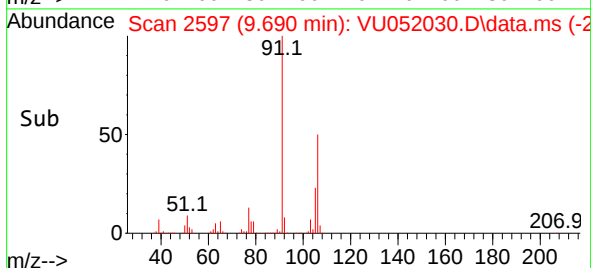
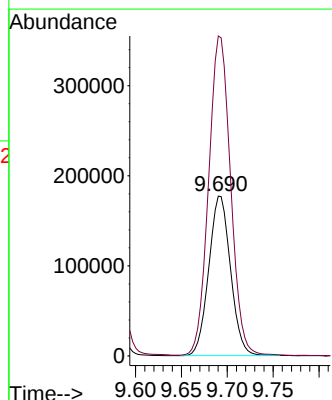
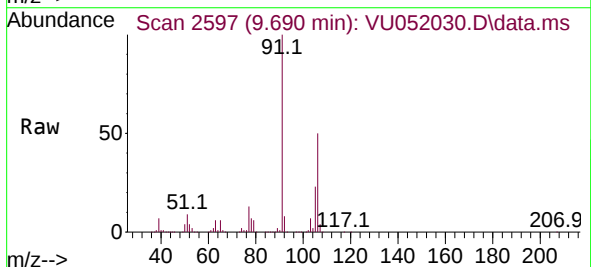
Instrument :
MSVOA_U
ClientSampleId :

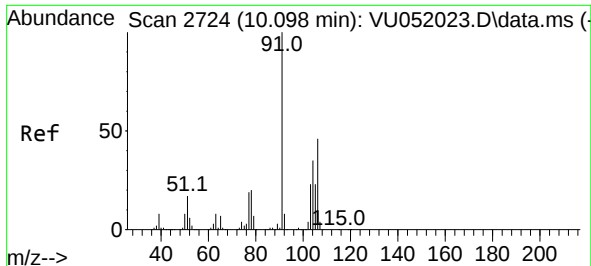
Tgt Ion: 91 Resp: 747677
Ion Ratio Lower Upper
91 100
106 31.1 21.2 39.4



#53
m,p-Xylene
Concen: 52.264 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

Tgt Ion: 106 Resp: 292314
Ion Ratio Lower Upper
106 100
91 200.1 140.3 260.6

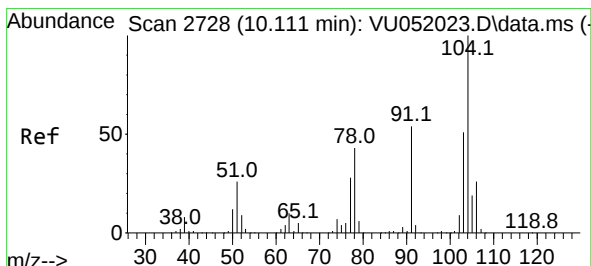
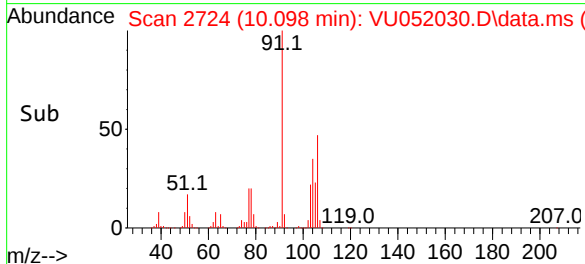
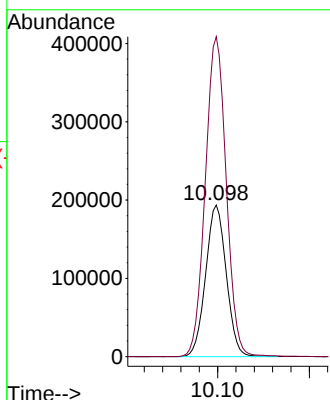
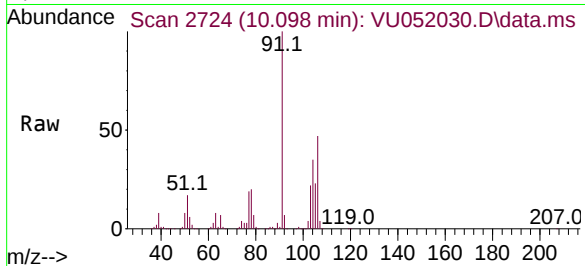




#54
o-Xylene
Concen: 53.578 ug/L
RT: 10.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

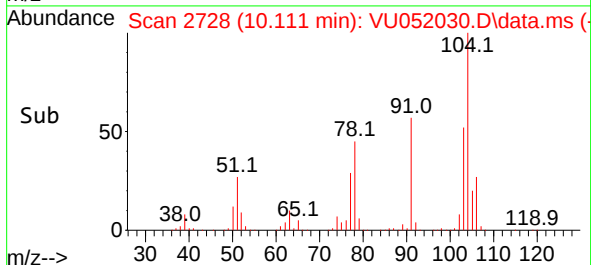
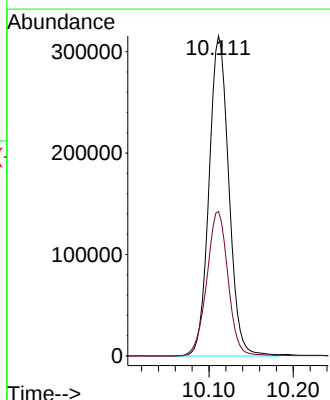
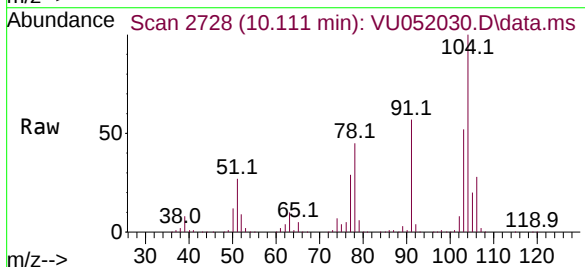
Instrument :
MSVOA_U
ClientSampleId :

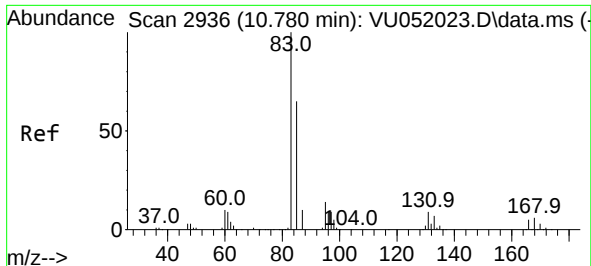
Tgt Ion:106 Resp: 303205
Ion Ratio Lower Upper
106 100
91 211.0 146.7 272.4



#55
Styrene
Concen: 53.780 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

Tgt Ion:104 Resp: 515607
Ion Ratio Lower Upper
104 100
78 45.2 31.2 58.0

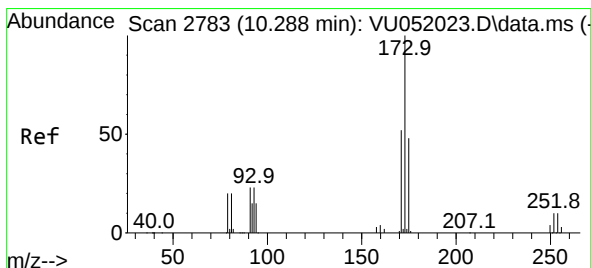
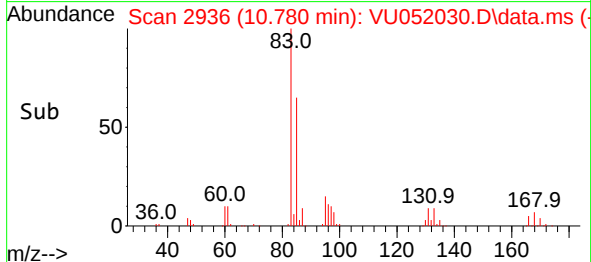
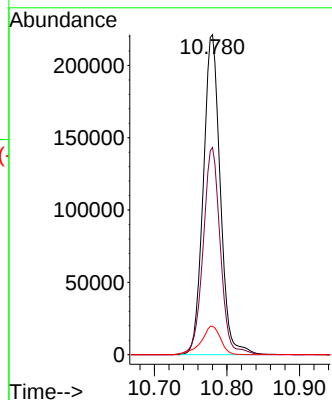
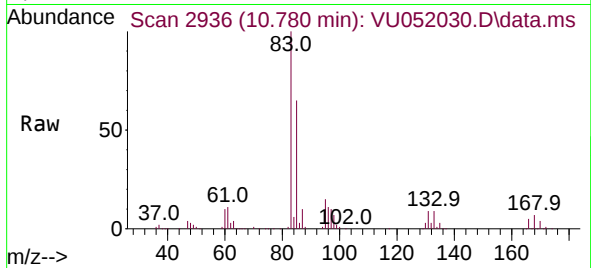




#57
1,1,2,2-Tetrachloroethane
Concen: 52.110 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

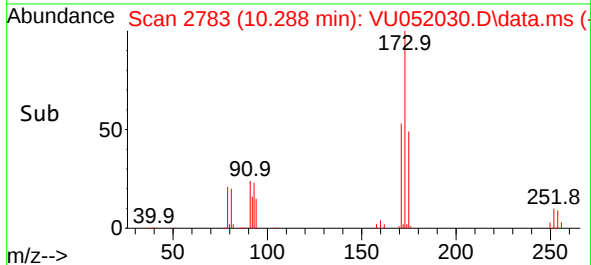
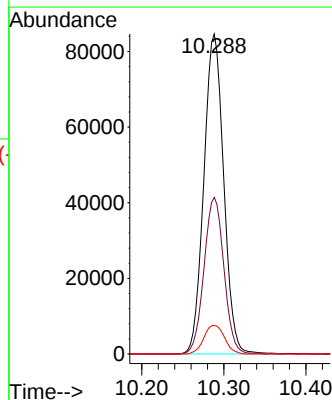
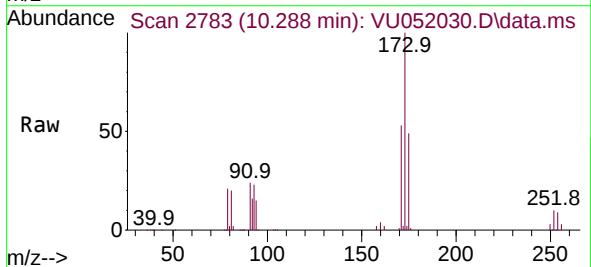
Instrument :
MSVOA_U
ClientSampleId :

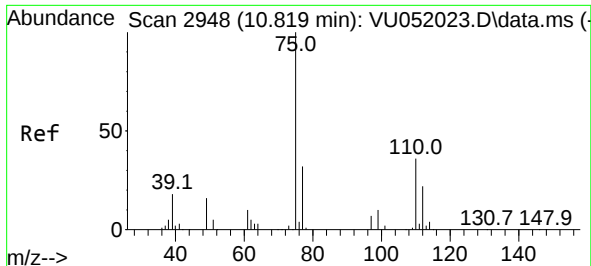
Tgt Ion: 83 Resp: 359303
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.2
131 8.9 7.3 10.9



#59
Bromoform
Concen: 48.420 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

Tgt Ion:173 Resp: 142322
Ion Ratio Lower Upper
173 100
175 49.0 39.8 59.6
254 9.3 7.5 11.3

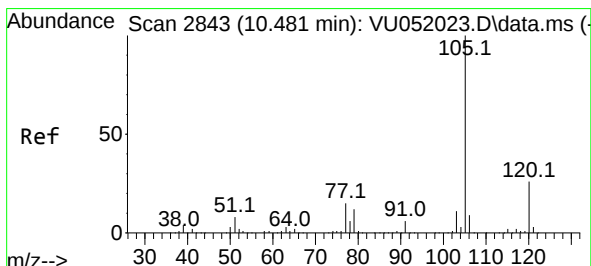
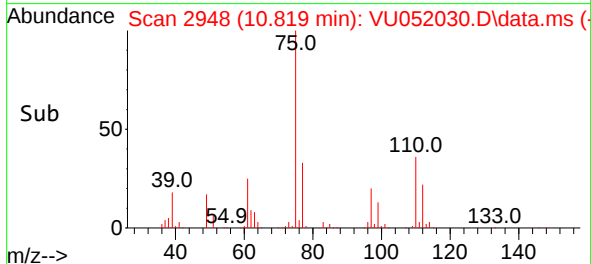
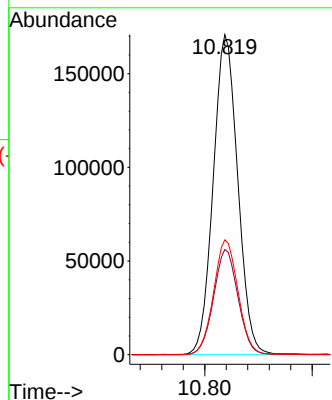
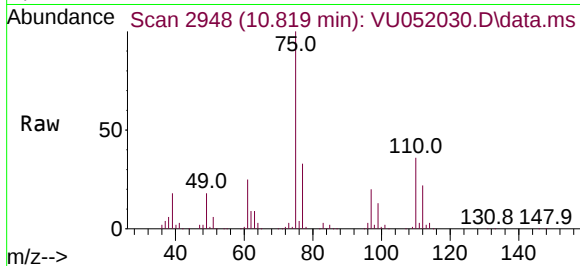




#60
1,2,3-Trichloropropane
Concen: 51.237 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

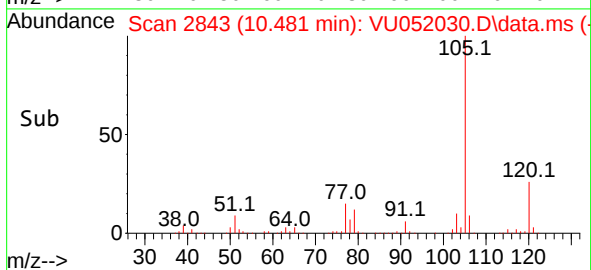
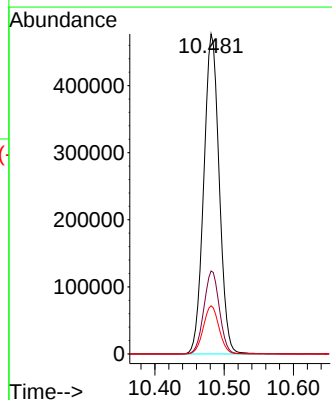
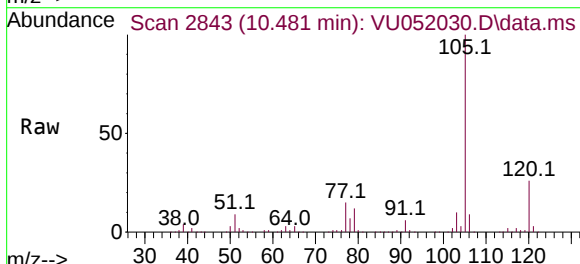
Instrument :
MSVOA_U
ClientSampleId :

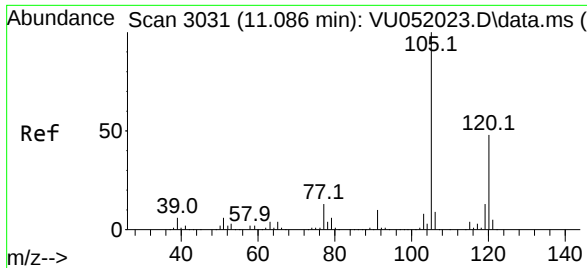
Tgt Ion: 75 Resp: 270015
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0
110 35.9 29.0 43.4



#61
Isopropylbenzene
Concen: 53.164 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

Tgt Ion: 105 Resp: 736236
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 15.3 12.4 18.6

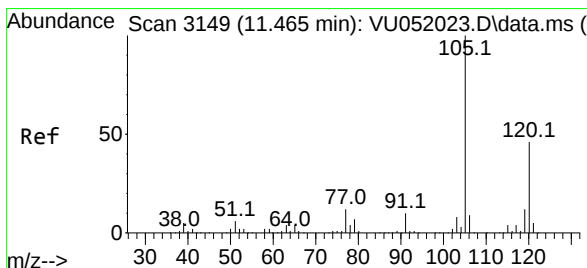
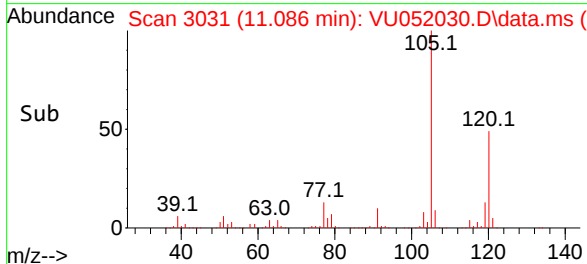
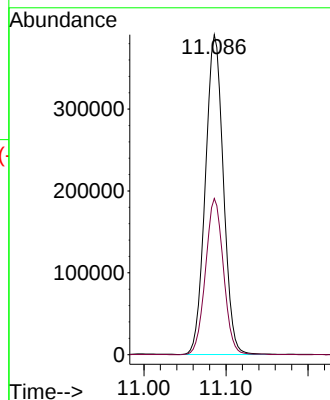
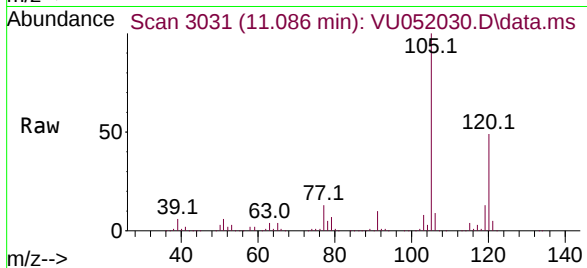




#62
 1,3,5-Trimethylbenzene
 Concen: 53.930 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU052030.D
 Acq: 22 Nov 2022 07:03

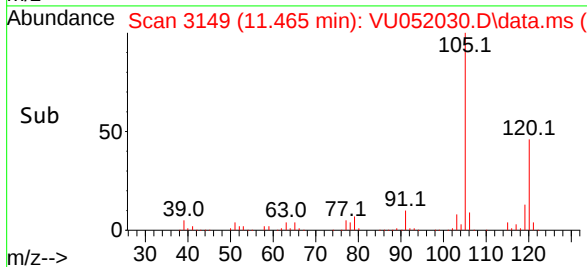
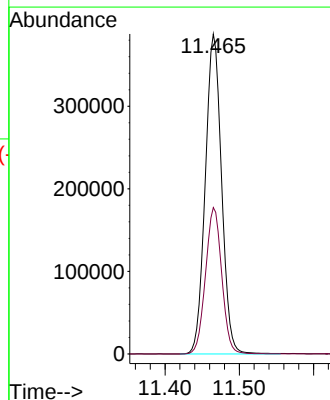
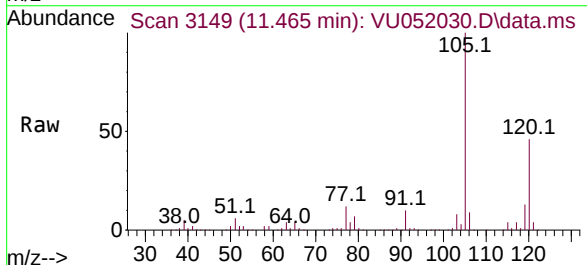
Instrument :
 MSVOA_U
 ClientSampleId :

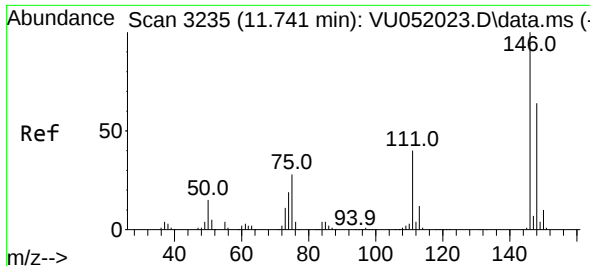
Tgt Ion:105 Resp: 596685
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 54.650 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU052030.D
 Acq: 22 Nov 2022 07:03

Tgt Ion:105 Resp: 589240
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.1 54.1

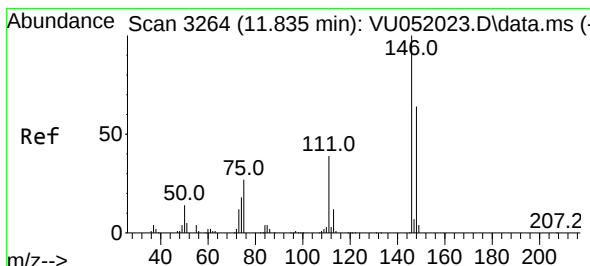
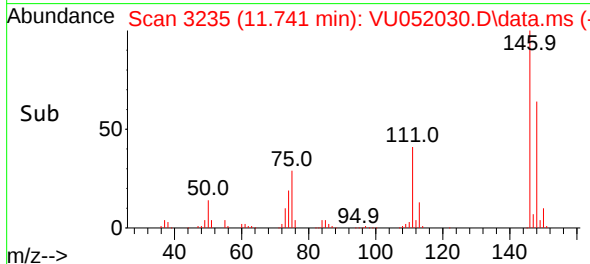
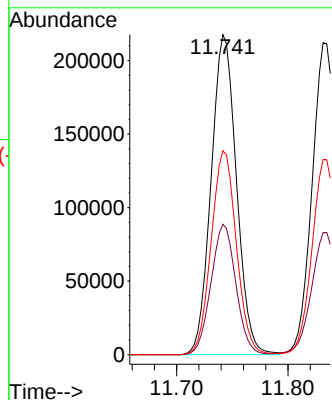
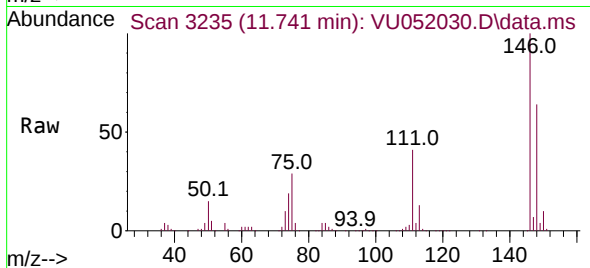




#64
1,3-Dichlorobenzene
Concen: 51.188 ug/L
RT: 11.741 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

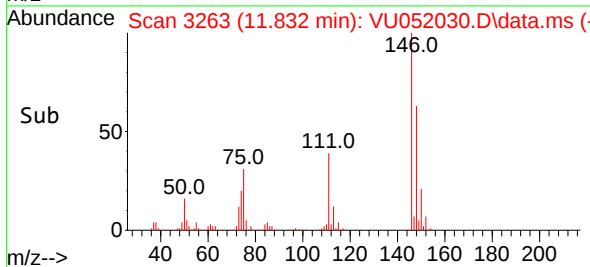
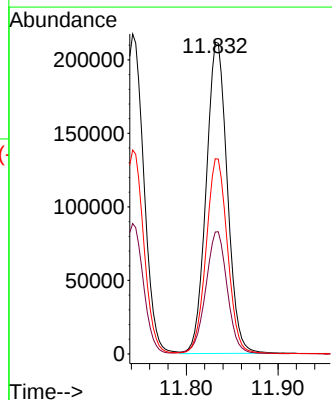
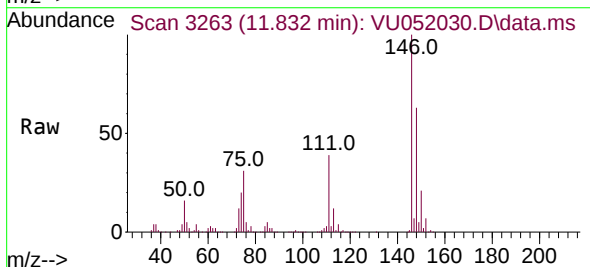
Instrument :
MSVOA_U
ClientSampleId :

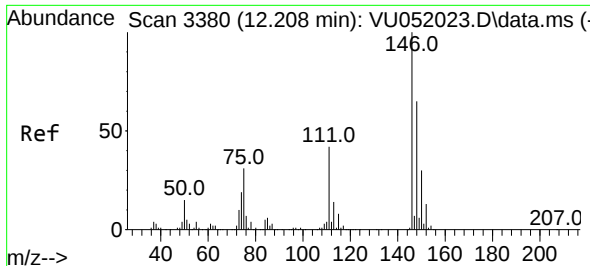
Tgt Ion:146 Resp: 343636
Ion Ratio Lower Upper
146 100
111 40.7 27.5 51.1
148 63.7 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 49.481 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU052030.D
Acq: 22 Nov 2022 07:03

Tgt Ion:146 Resp: 338467
Ion Ratio Lower Upper
146 100
111 39.1 27.6 51.2
148 62.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 52.288 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

ClientSampleId :

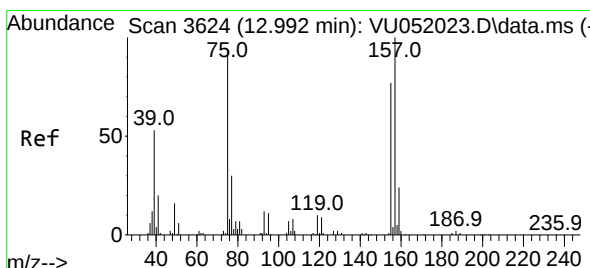
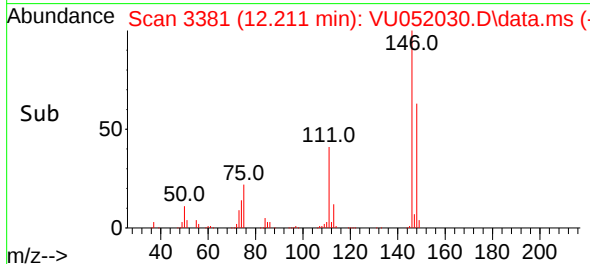
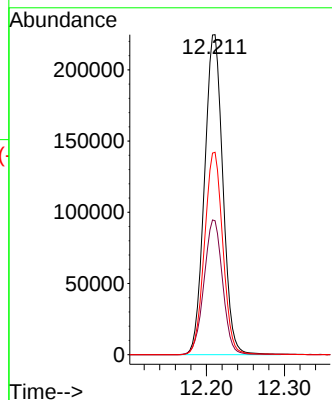
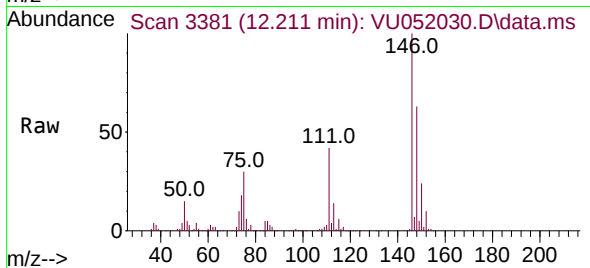
Tgt Ion:146 Resp: 367785

Ion Ratio Lower Upper

146 100

111 41.9 34.2 51.4

148 63.3 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 49.036 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

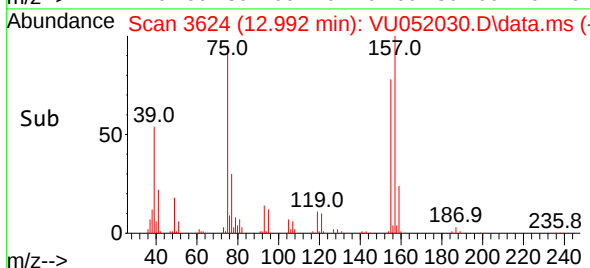
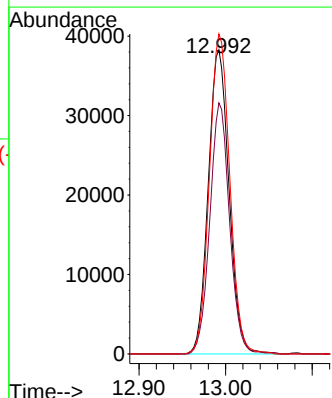
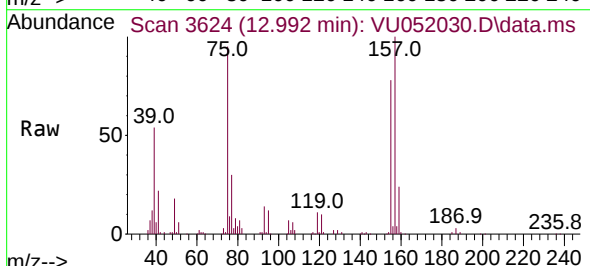
Tgt Ion: 75 Resp: 63667

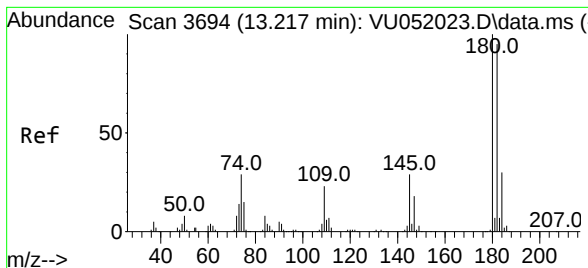
Ion Ratio Lower Upper

75 100

155 82.6 66.3 99.5

157 105.2 82.8 124.2





#69

1,3,5-Trichlorobenzene

Concen: 48.377 ug/L

RT: 13.217 min Scan# 30

Delta R.T. 0.000 min

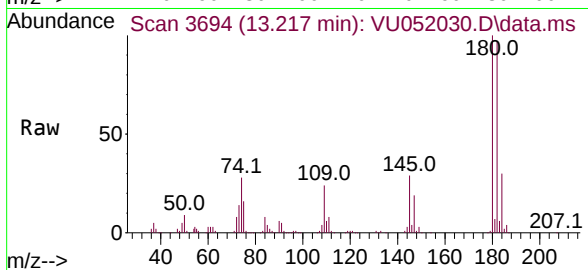
Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 216811

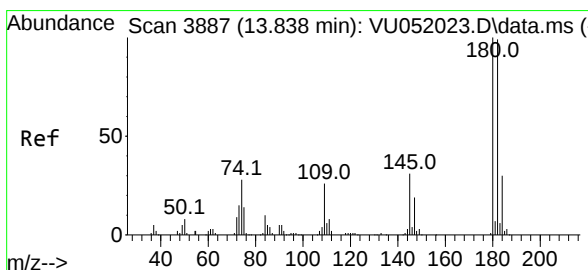
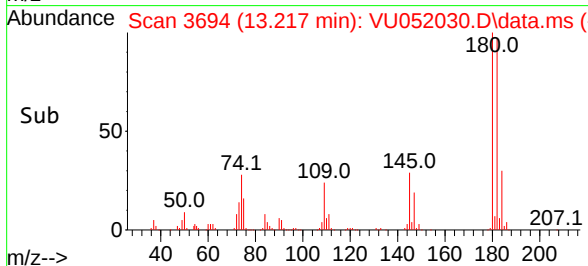
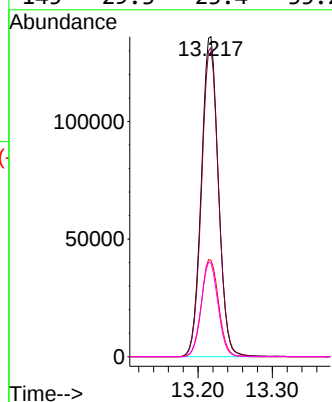
Ion Ratio Lower Upper

180 100

182 96.6 77.2 115.8

184 30.6 24.6 36.8

145 29.3 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 47.708 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.003 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

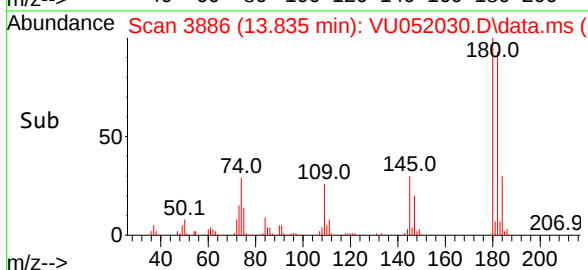
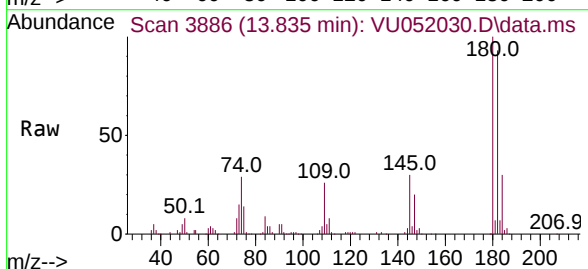
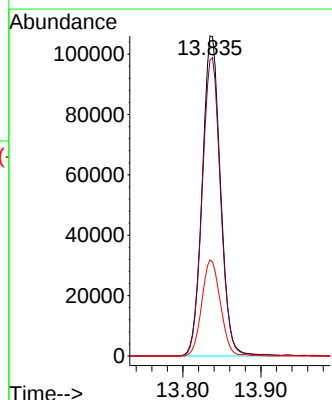
Tgt Ion:180 Resp: 171755

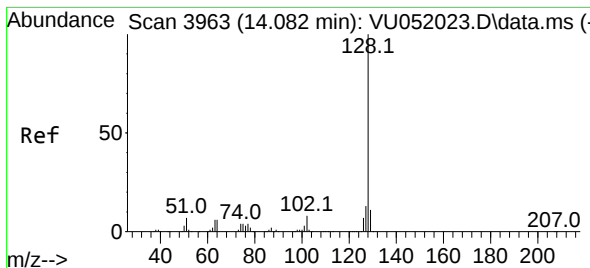
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

145 30.5 23.4 35.0





#71

Naphthalene

Concen: 51.918 ug/L

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Instrument :

MSVOA_U

ClientSampleId :

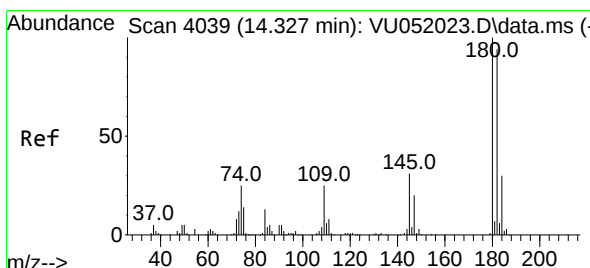
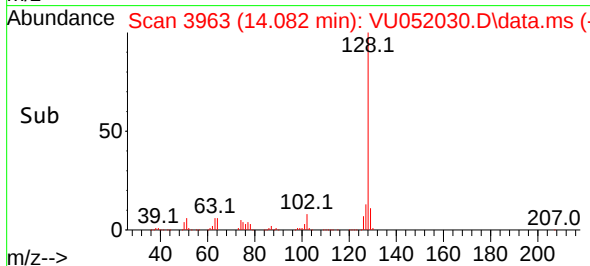
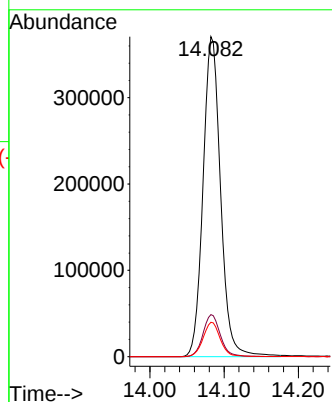
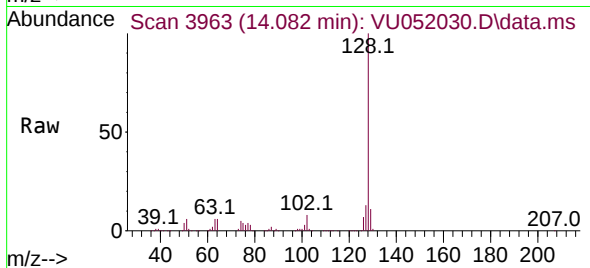
Tgt Ion:128 Resp: 608510

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.231 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. 0.000 min

Lab File: VU052030.D

Acq: 22 Nov 2022 07:03

Tgt Ion:180 Resp: 195916

Ion Ratio Lower Upper

180 100

182 96.6 76.1 114.1

145 32.0 25.8 38.6

