

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051988.D
 Acq On : 20 Nov 2022 21:16
 Operator : JC/MD
 Sample : N5683-03MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQW0MS

Quant Time: Nov 21 01:03:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	450519	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	452547	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	225710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	84229	38.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.160%
7) Chloroethane-d5	1.906	69	94247	42.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.060%
11) 1,1-Dichloroethene-d2	2.568	63	169756	42.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.600%
21) 2-Butanone-d5	4.616	46	246159	97.876	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.880%
24) Chloroform-d	5.060	84	262811	47.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.700	65	157573	46.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
32) Benzene-d6	5.726	84	439864	46.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	6.687	67	168473	47.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.940%
41) Toluene-d8	7.896	98	366510	47.322	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.640%
43) trans-1,3-Dichloroprop...	8.176	79	62701	44.819	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.640%
47) 2-Hexanone-d5	8.629	63	174596	97.811	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.810%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	335095	49.021	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.040%
66) 1,2-Dichlorobenzene-d4	12.188	152	188335	47.414	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	114798	41.504	ug/L	100
3) Chloromethane	1.526	50	176770	48.125	ug/L	99
5) Vinyl chloride	1.604	62	176977	46.451	ug/L	99
6) Bromomethane	1.845	94	94139	57.031	ug/L	100
8) Chloroethane	1.928	64	118998	48.040	ug/L	99
9) Trichlorofluoromethane	2.137	101	206611	45.295	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	125554	43.675	ug/L	99
12) 1,1-Dichloroethene	2.578	96	127118	47.346	ug/L	96
13) Acetone	2.620	43	166177	61.758	ug/L	99
14) Carbon disulfide	2.793	76	321999	43.290	ug/L	99
15) Methyl Acetate	2.944	43	161804	44.108	ug/L	99
16) Methylene chloride	3.044	84	185007	43.165	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	137306	47.455	ug/L	96
18) Methyl tert-butyl Ether	3.359	73	461626	51.549	ug/L	100
19) 1,1-Dichloroethane	3.867	63	293670	49.870	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	173208	51.295	ug/L	97
22) 2-Butanone	4.697	43	261108	85.923	ug/L	100
23) Bromochloromethane	4.970	128	93986	50.438	ug/L	98
25) Chloroform	5.086	83	309274	50.334	ug/L	100

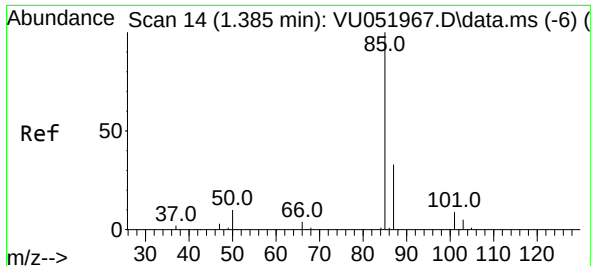
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
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 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	231650	51.018	ug/L	98
29) Cyclohexane	5.388	56	184353	47.747	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	227747	49.777	ug/L	100
31) Carbon tetrachloride	5.523	117	179995	47.057	ug/L	96
33) Benzene	5.771	78	680011	52.238	ug/L	100
34) Trichloroethene	6.539	95	155871	50.542	ug/L	99
35) Methylcyclohexane	6.761	83	185965	44.471	ug/L	98
37) 1,2-Dichloropropane	6.787	63	186993	50.729	ug/L	100
38) Bromodichloromethane	7.102	83	231837	50.271	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	229405	47.577	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	509980	105.062	ug/L	100
42) Toluene	7.967	91	710448	53.061	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	219663	47.542	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	189835	50.679	ug/L	100
46) Tetrachloroethene	8.552	164	113499	46.083	ug/L	98
48) 2-Hexanone	8.681	43	410917	98.567	ug/L	100
49) Dibromochloromethane	8.806	129	188524	48.812	ug/L	99
50) 1,2-Dibromoethane	8.918	107	189957	50.375	ug/L	100
51) Chlorobenzene	9.443	112	446620	48.816	ug/L	99
52) Ethylbenzene	9.568	91	694479	50.682	ug/L	99
53) m,p-Xylene	9.690	106	277436	52.307	ug/L	100
54) o-Xylene	10.098	106	281884	52.216	ug/L	100
55) Styrene	10.111	104	489832	52.587	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	355053	50.161	ug/L	99
59) Bromoform	10.288	173	143702	46.958	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	265346	49.146	ug/L	99
61) Isopropylbenzene	10.481	105	683340	51.800	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	539314	50.172	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	535611	51.000	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	323128	48.329	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	324009	47.854	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	347626	48.895	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	64430	46.609	ug/L	95
69) 1,3,5-Trichlorobenzene	13.214	180	198935	44.848	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	161744	46.003	ug/L	98
71) Naphthalene	14.082	128	599159	51.816	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	187391	48.695	ug/L	100

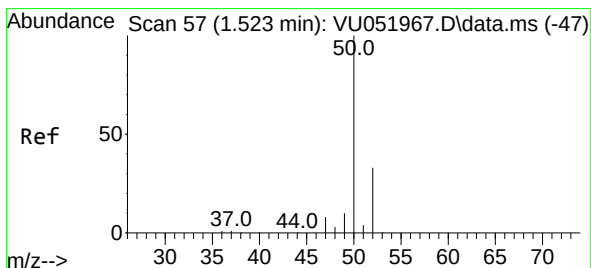
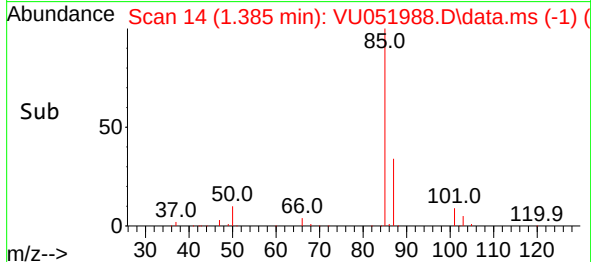
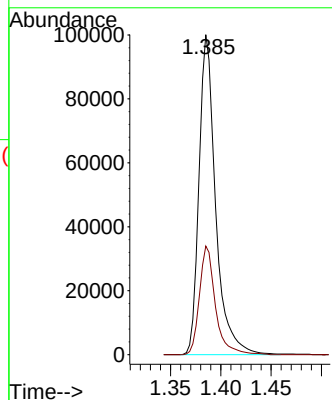
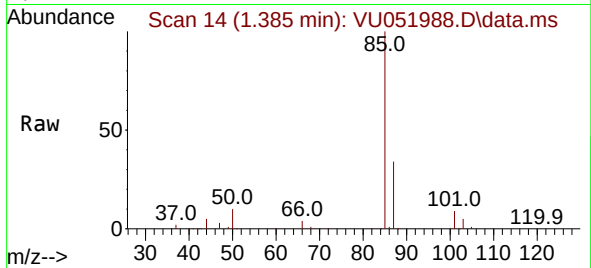
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#2
Dichlorodifluoromethane
Concen: 41.504 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

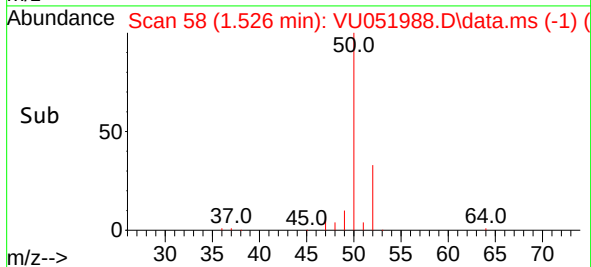
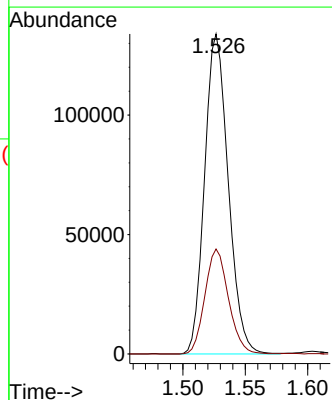
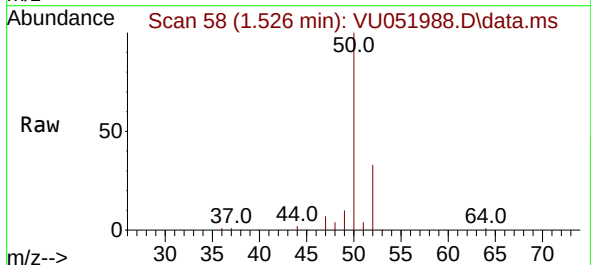
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

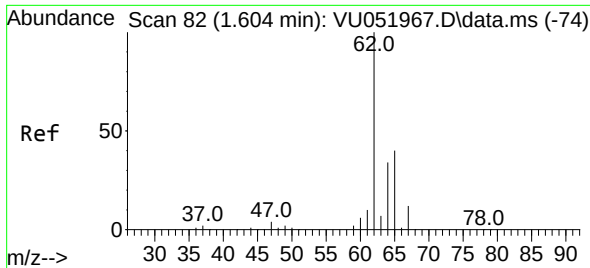
Tgt Ion: 85 Resp: 114798
Ion Ratio Lower Upper
85 100
87 32.7 26.0 39.0



#3
Chloromethane
Concen: 48.125 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion: 50 Resp: 176770
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.6

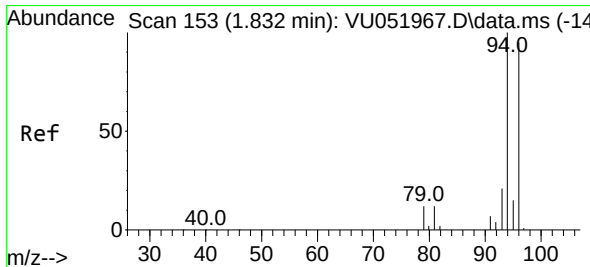
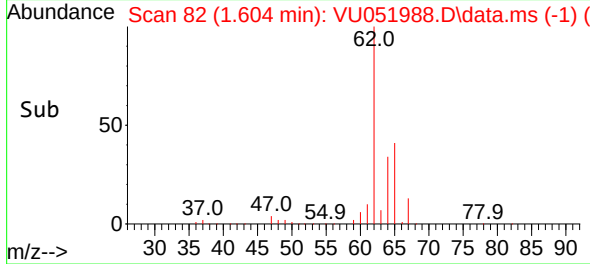
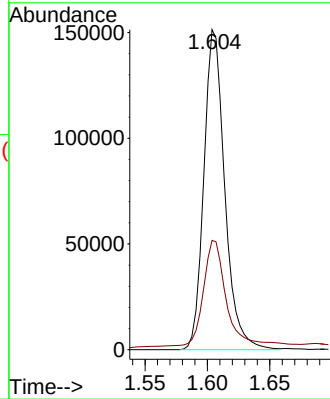
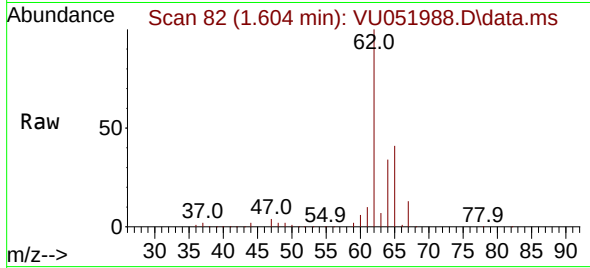




#5
 Vinyl chloride
 Concen: 46.451 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051988.D
 Acq: 20 Nov 2022 21:16

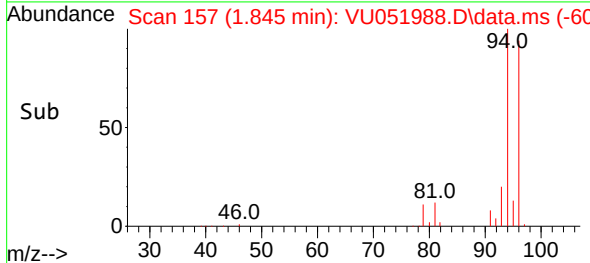
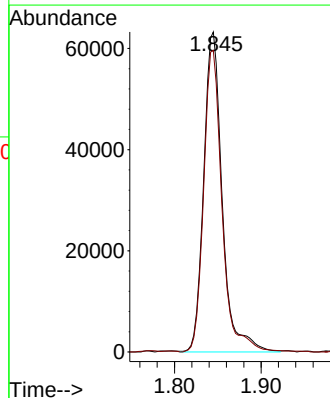
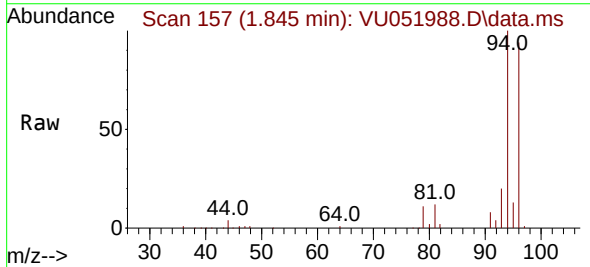
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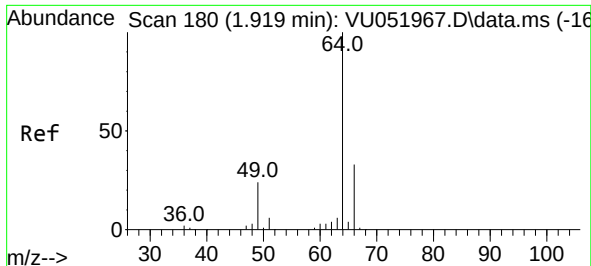
Tgt Ion: 62 Resp: 176977
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.3 45.1



#6
 Bromomethane
 Concen: 57.031 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. 0.013 min
 Lab File: VU051988.D
 Acq: 20 Nov 2022 21:16

Tgt Ion: 94 Resp: 94139
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.1 122.7

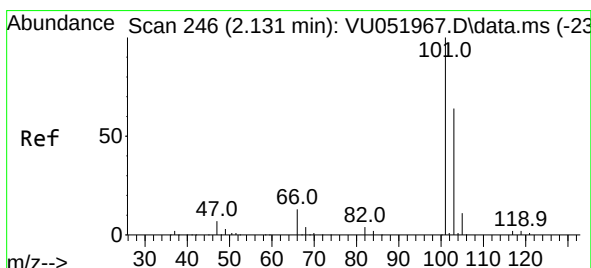
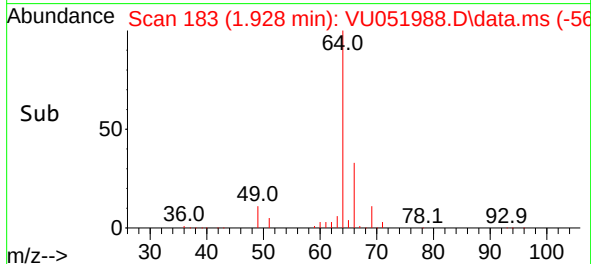
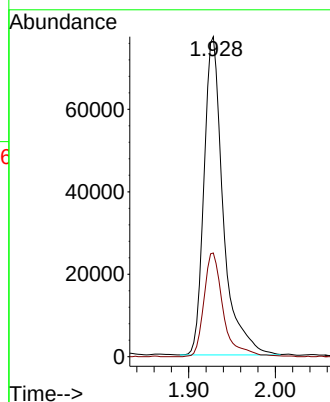
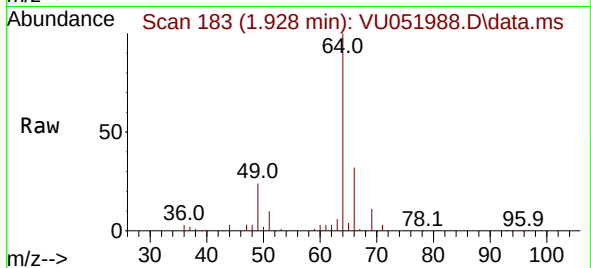




#8
Chloroethane
Concen: 48.040 ug/L
RT: 1.928 min Scan# 11
Delta R.T. 0.009 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

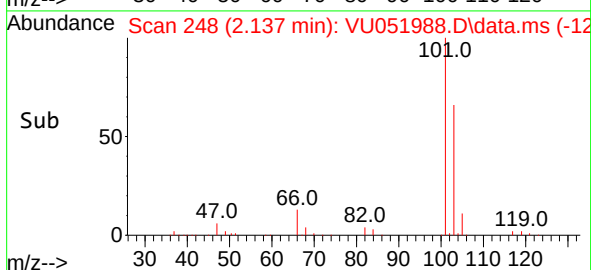
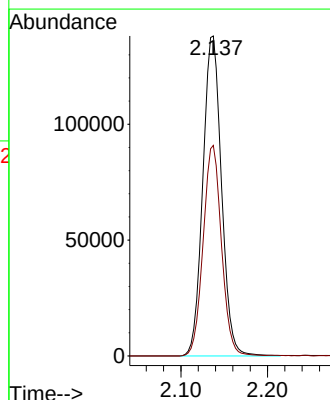
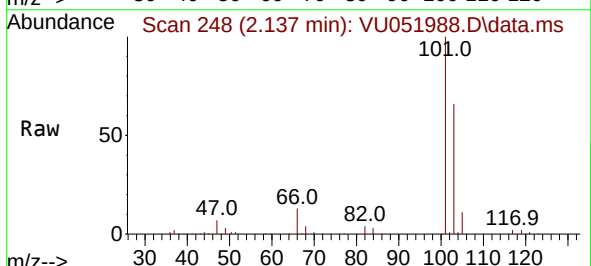
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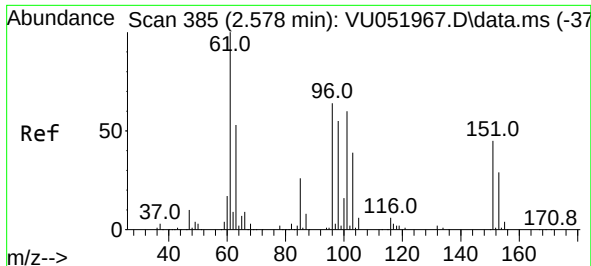
Tgt Ion: 64 Resp: 118998
Ion Ratio Lower Upper
64 100
66 32.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 45.295 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.006 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion:101 Resp: 206611
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

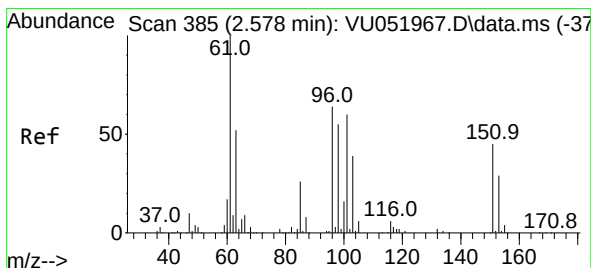
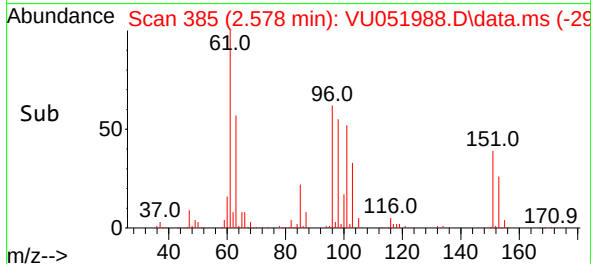
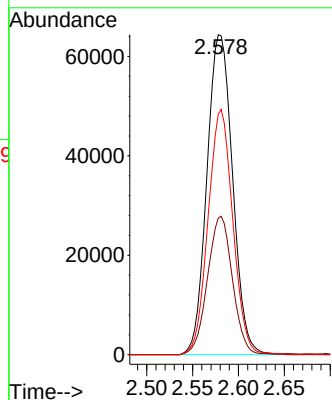
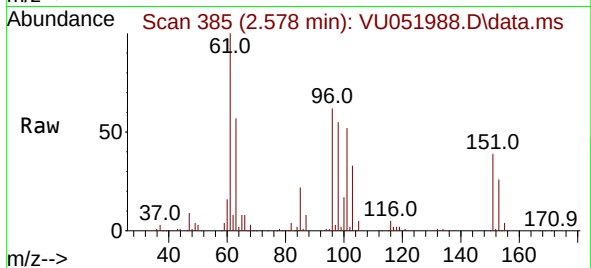




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.675 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU051988.D
 Acq: 20 Nov 2022 21:16

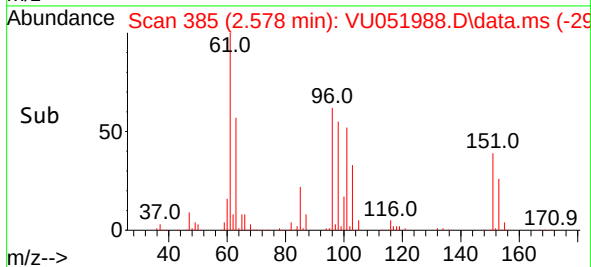
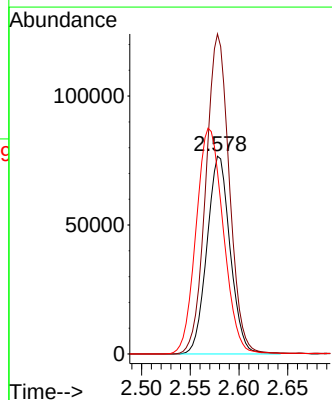
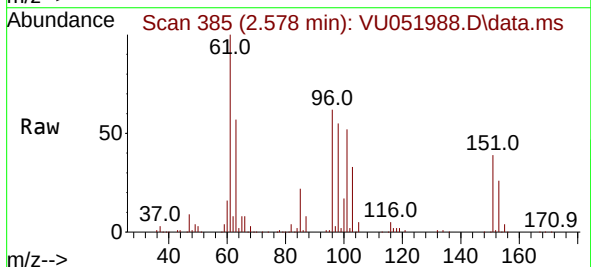
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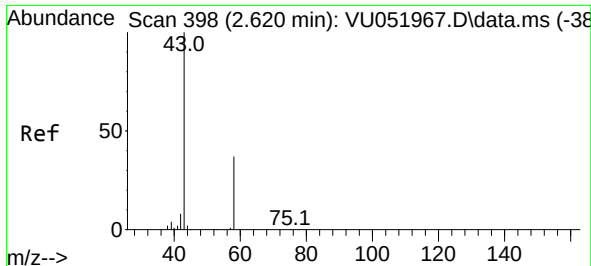
Tgt Ion:101 Resp: 125554
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.2 51.2
 151 73.9 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 47.346 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU051988.D
 Acq: 20 Nov 2022 21:16

Tgt Ion: 96 Resp: 127118
 Ion Ratio Lower Upper
 96 100
 61 161.8 110.7 205.5
 63 92.1 68.6 127.4





#13

Acetone

Concen: 61.758 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

Instrument :

MSVOA_U

ClientSampleId :

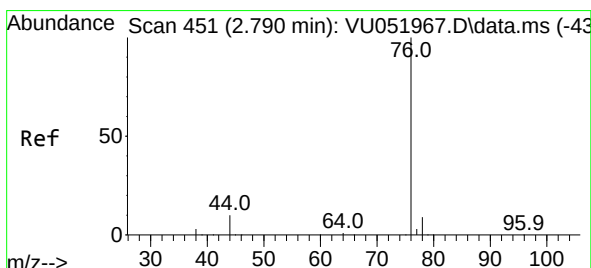
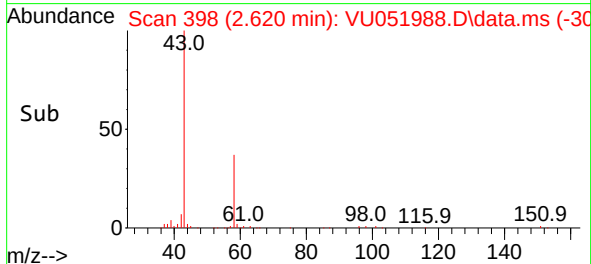
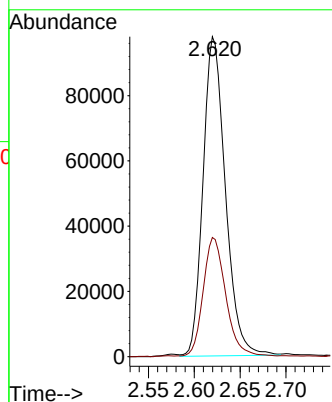
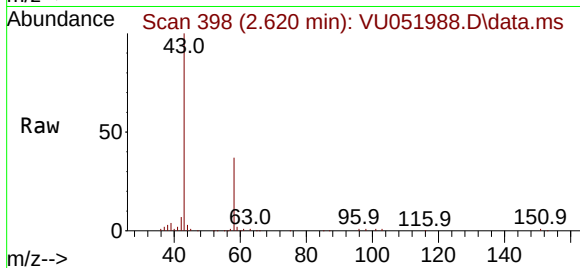
ESQW0MS

Tgt Ion: 43 Resp: 166177

Ion Ratio Lower Upper

43 100

58 37.4 0.0 75.4



#14

Carbon disulfide

Concen: 43.290 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051988.D

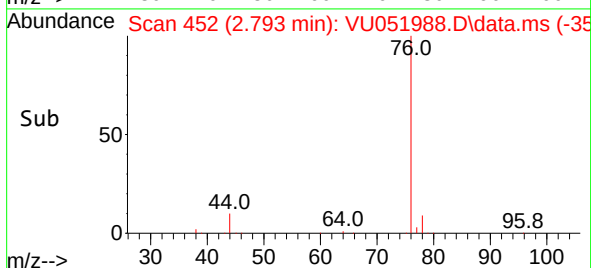
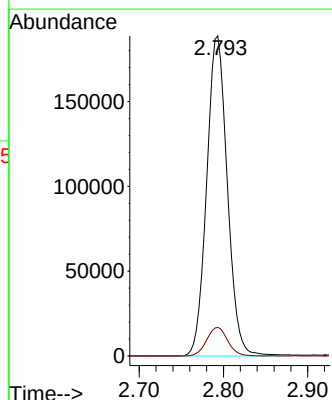
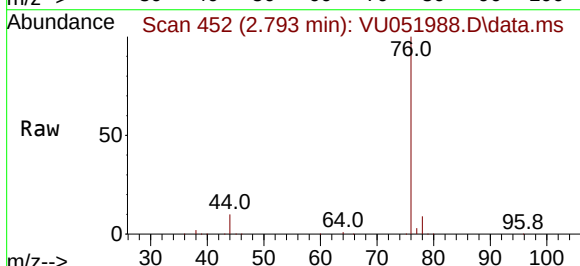
Acq: 20 Nov 2022 21:16

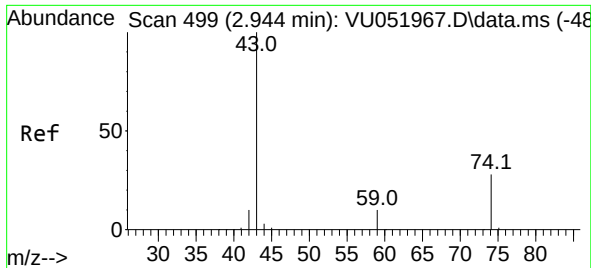
Tgt Ion: 76 Resp: 321999

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

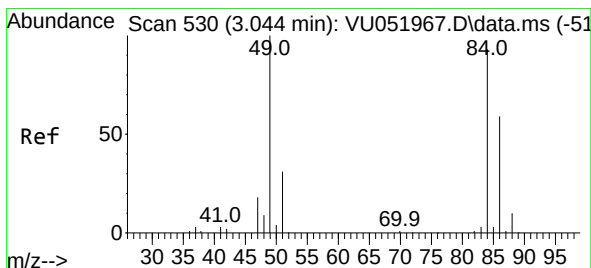
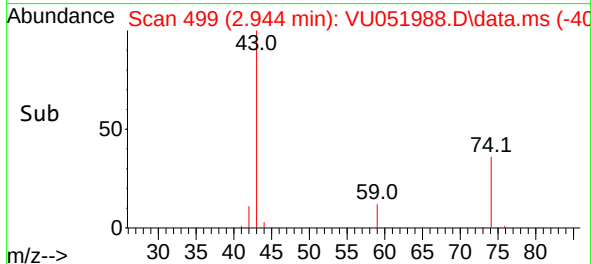
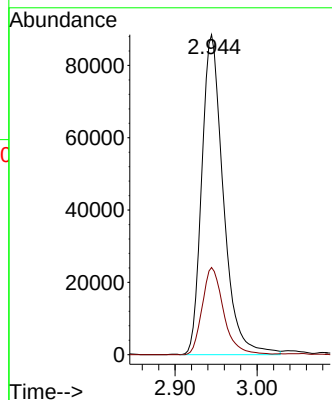
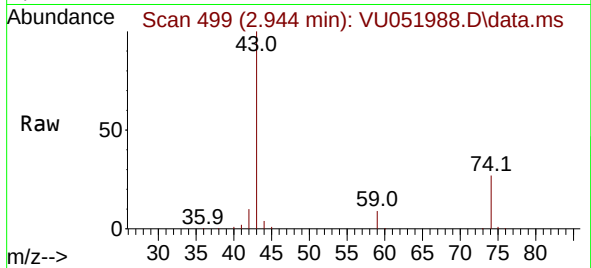




#15
Methyl Acetate
Concen: 44.108 ug/L
RT: 2.944 min Scan# 499
Delta R.T. 0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

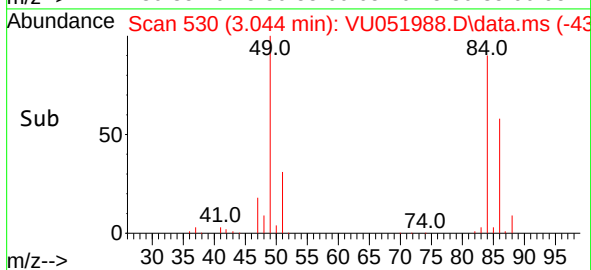
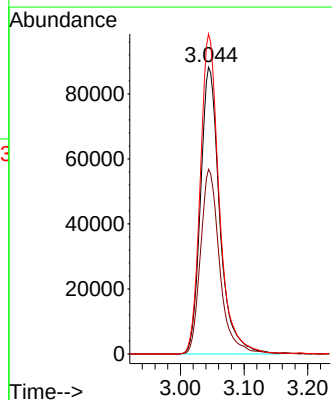
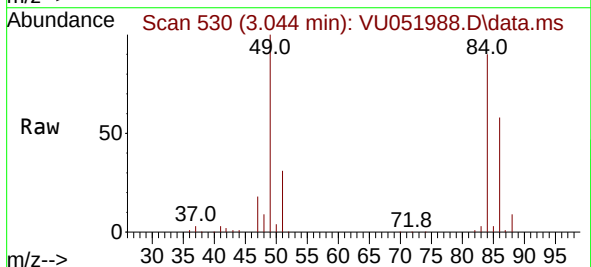
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

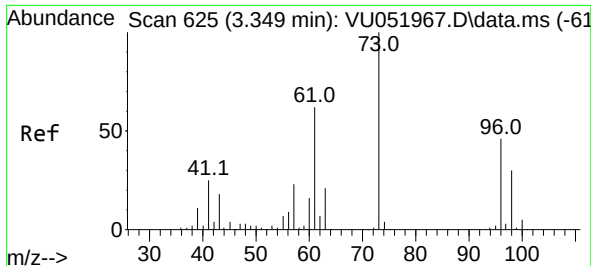
Tgt Ion: 43 Resp: 161804
Ion Ratio Lower Upper
43 100
74 27.0 21.8 32.8



#16
Methylene chloride
Concen: 43.165 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion: 84 Resp: 185007
Ion Ratio Lower Upper
84 100
86 64.4 44.7 82.9
49 111.6 76.5 142.1





#17

trans-1,2-Dichloroethene

Concen: 47.455 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

Instrument :

MSVOA_U

ClientSampleId :

ESQW0MS

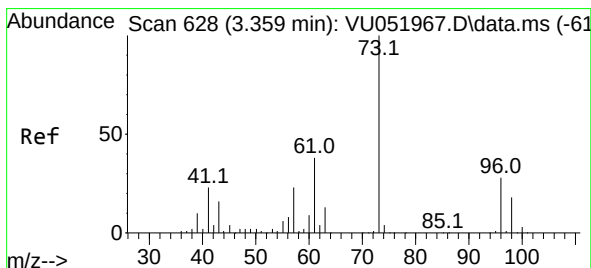
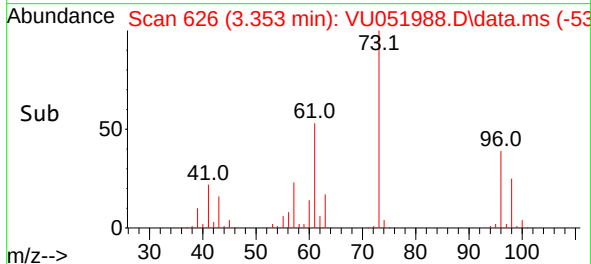
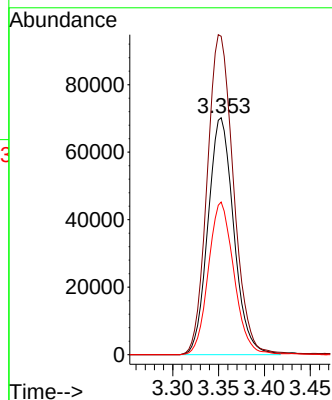
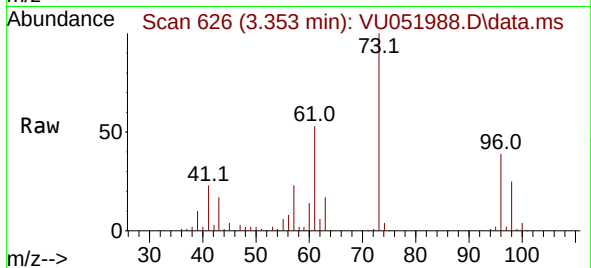
Tgt Ion: 96 Resp: 137306

Ion Ratio Lower Upper

96 100

61 134.3 98.3 182.7

98 64.4 45.5 84.5



#18

Methyl tert-butyl Ether

Concen: 51.549 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

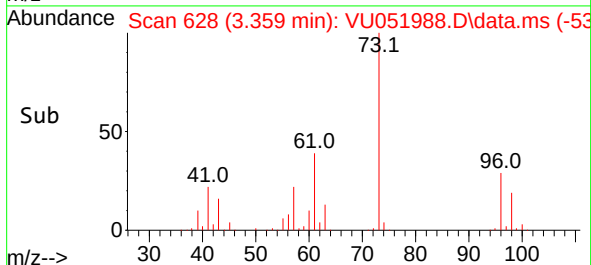
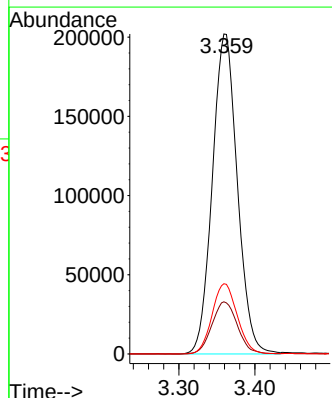
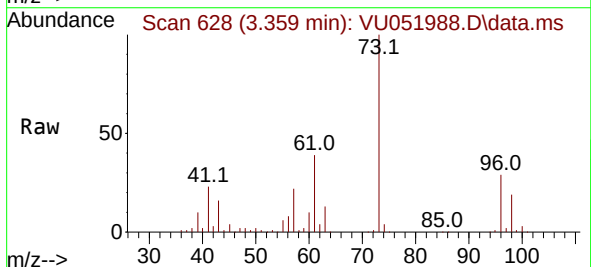
Tgt Ion: 73 Resp: 461626

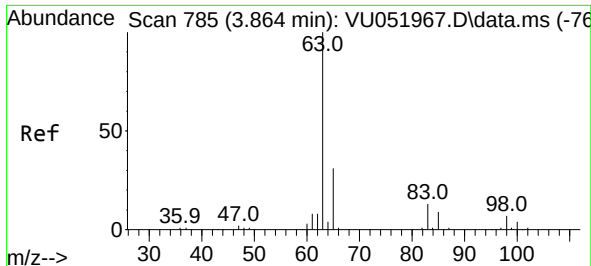
Ion Ratio Lower Upper

73 100

43 16.7 13.4 20.0

57 22.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 49.870 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

Instrument :

MSVOA_U

ClientSampleId :

ESQW0MS

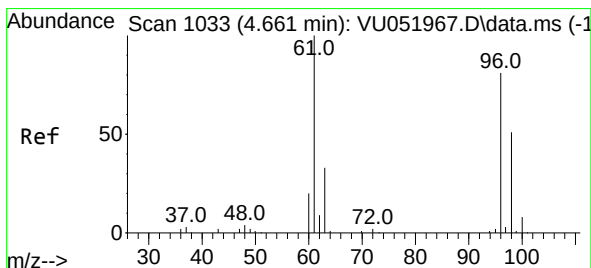
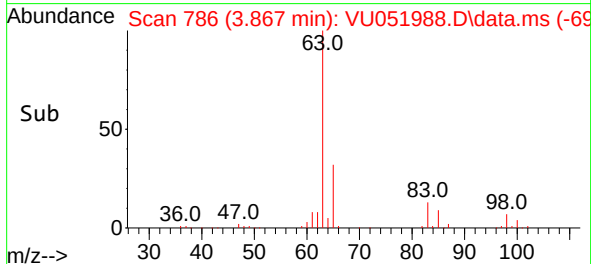
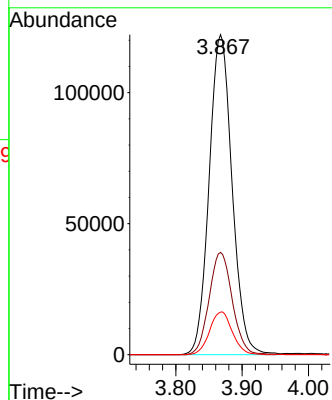
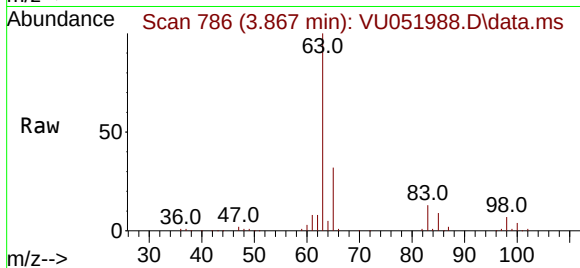
Tgt Ion: 63 Resp: 293670

Ion Ratio Lower Upper

63 100

65 32.0 22.2 41.2

83 13.3 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 51.295 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

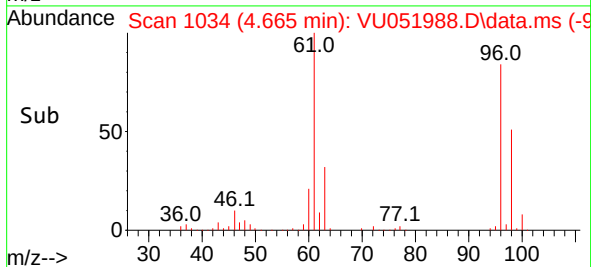
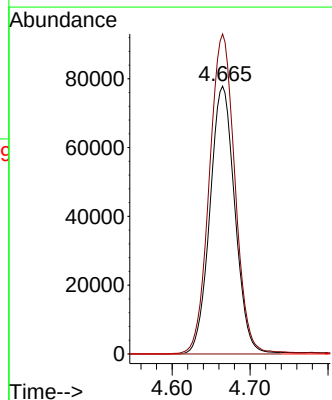
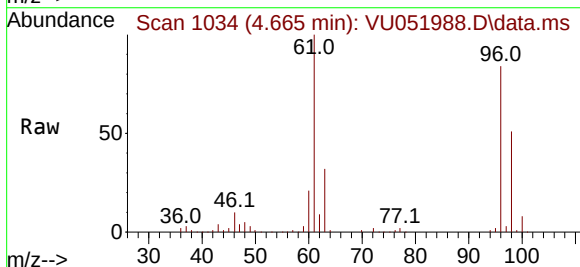
Tgt Ion: 96 Resp: 173208

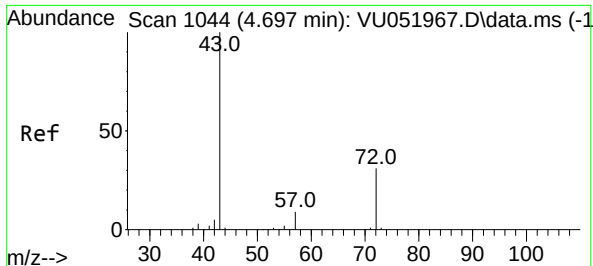
Ion Ratio Lower Upper

96 100

61 119.5 86.0 159.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 85.923 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

Instrument :

MSVOA_U

ClientSampleId :

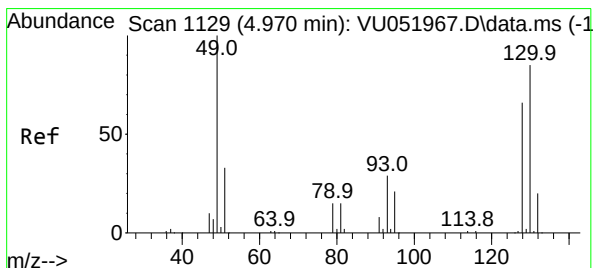
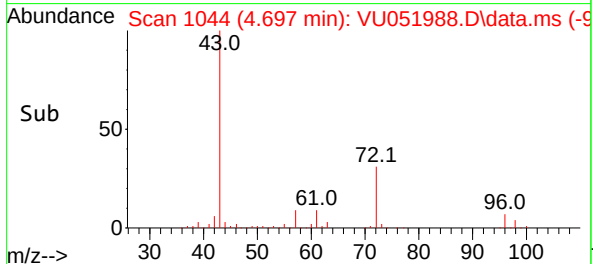
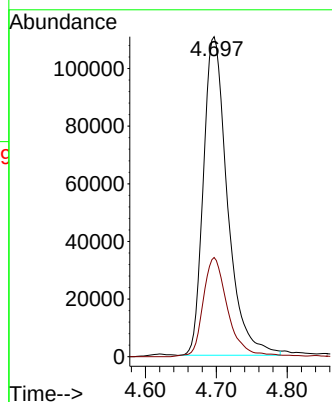
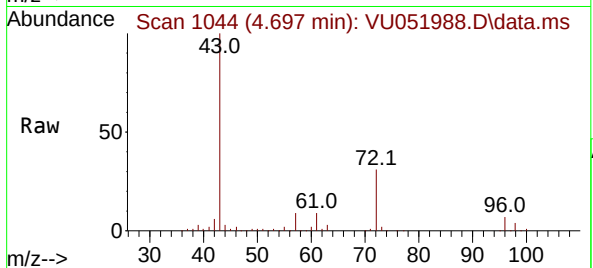
ESQW0MS

Tgt Ion: 43 Resp: 261108

Ion Ratio Lower Upper

43 100

72 31.4 15.7 47.1



#23

Bromochloromethane

Concen: 50.438 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

Tgt Ion:128 Resp: 93986

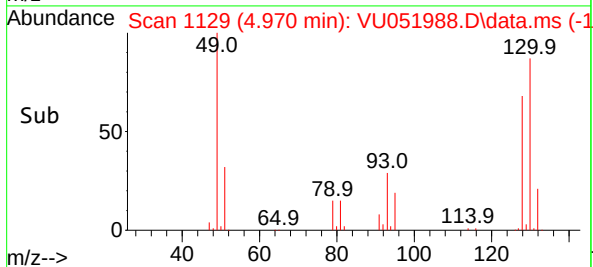
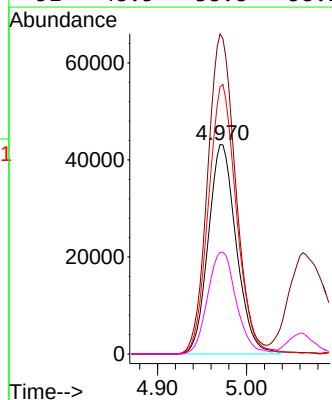
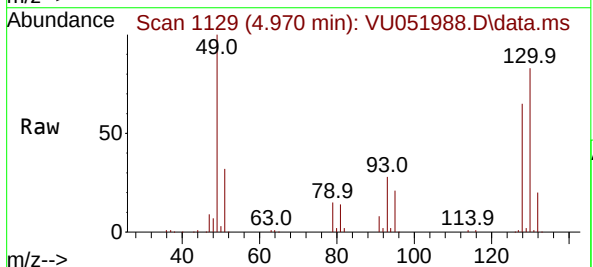
Ion Ratio Lower Upper

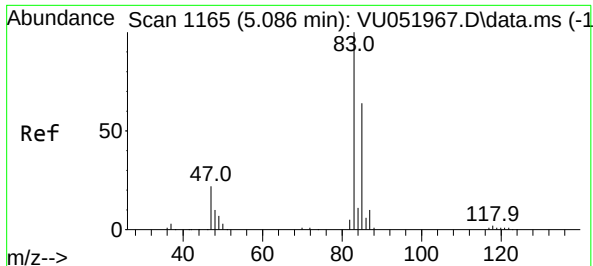
128 100

49 152.8 107.2 199.0

130 127.6 92.5 171.7

51 48.5 38.8 58.2

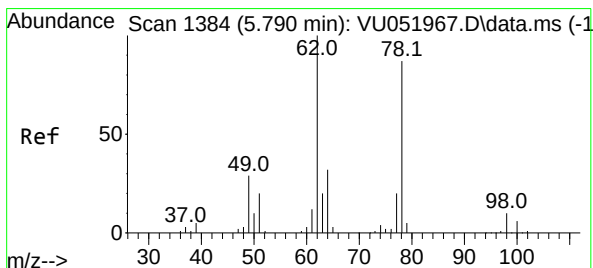
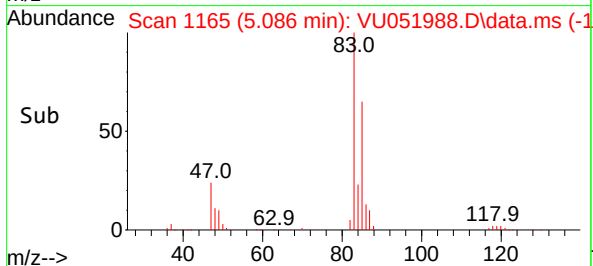
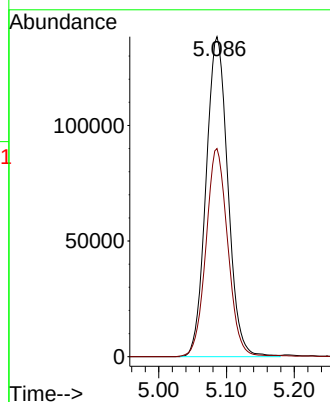
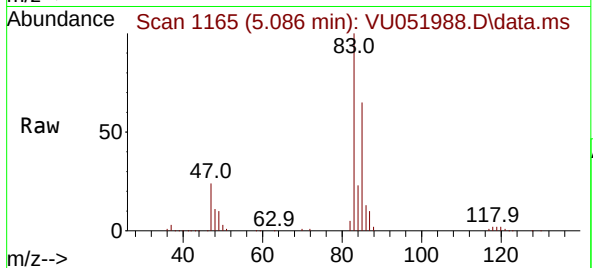




#25
Chloroform
Concen: 50.334 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

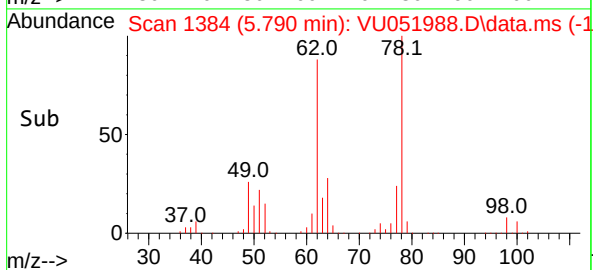
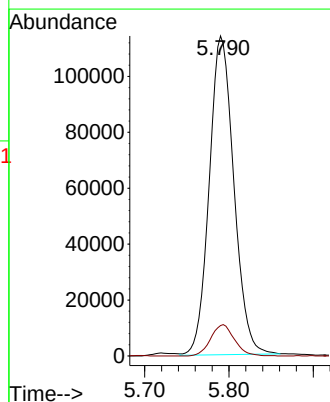
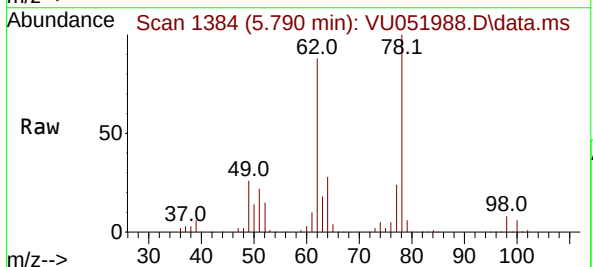
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

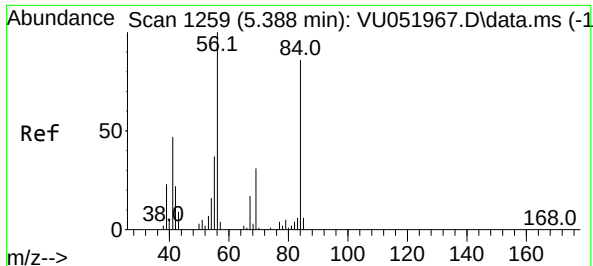
Tgt Ion: 83 Resp: 309274
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.8



#27
1,2-Dichloroethane
Concen: 51.018 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion: 62 Resp: 231650
Ion Ratio Lower Upper
62 100
98 9.5 8.1 12.1





#29

Cyclohexane

Concen: 47.747 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

Instrument :

MSVOA_U

ClientSampleId :

ESQW0MS

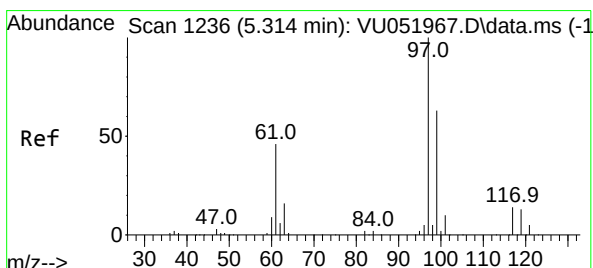
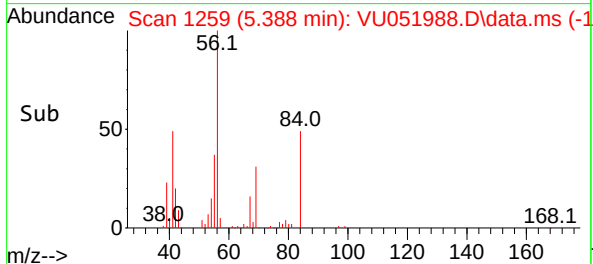
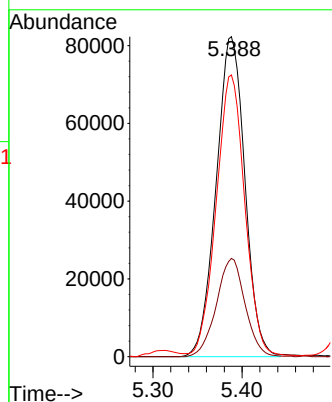
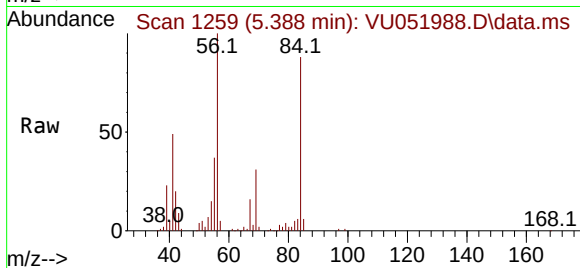
Tgt Ion: 56 Resp: 184353

Ion Ratio Lower Upper

56 100

69 30.7 25.4 38.2

84 88.3 71.4 107.0



#30

1,1,1-Trichloroethane

Concen: 49.777 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

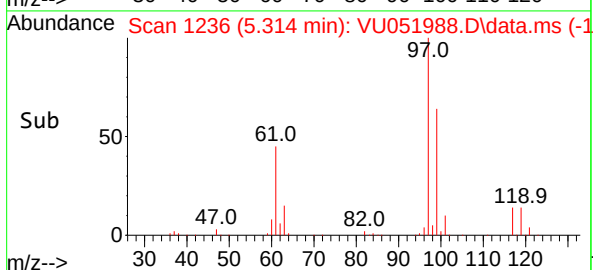
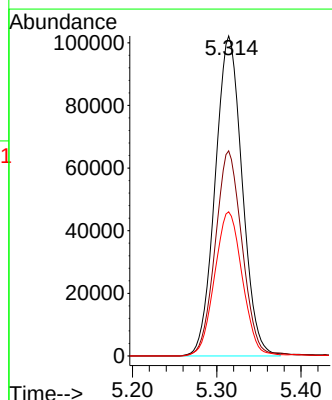
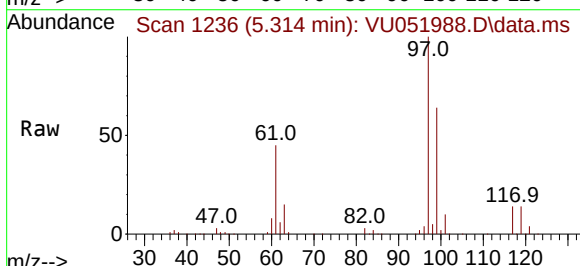
Tgt Ion: 97 Resp: 227747

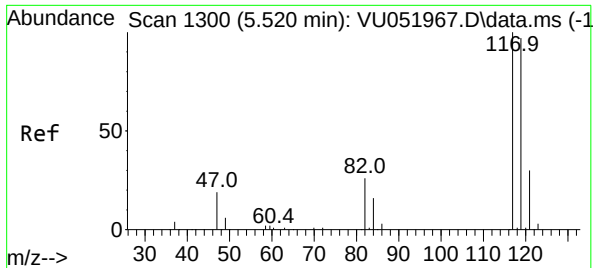
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 46.3 37.4 56.2

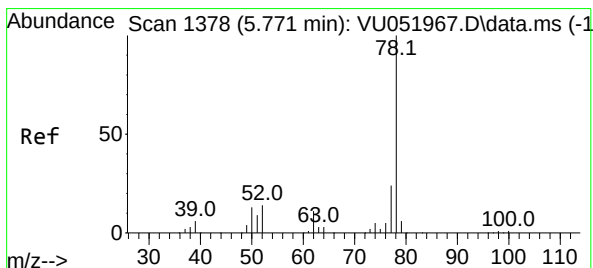
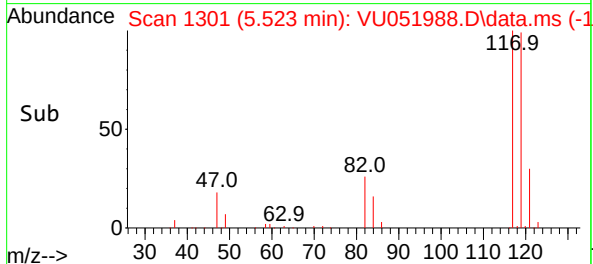
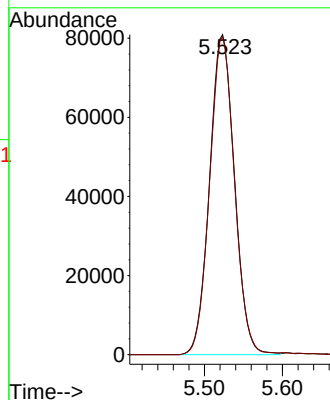
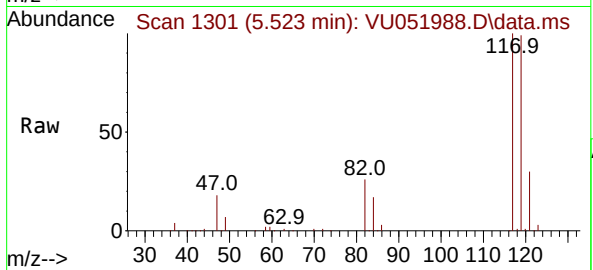




#31
Carbon tetrachloride
Concen: 47.057 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

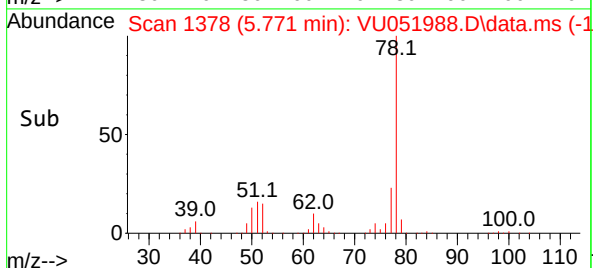
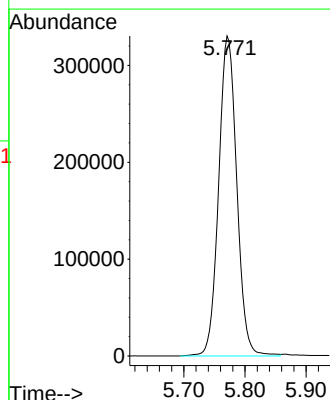
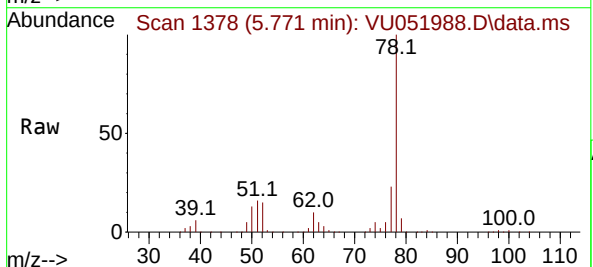
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

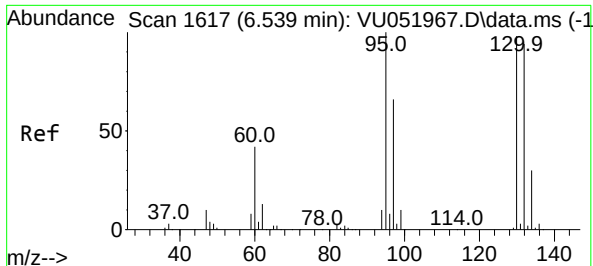
Tgt Ion:117 Resp: 179995
Ion Ratio Lower Upper
117 100
119 98.7 75.6 113.4



#33
Benzene
Concen: 52.238 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion: 78 Resp: 680011

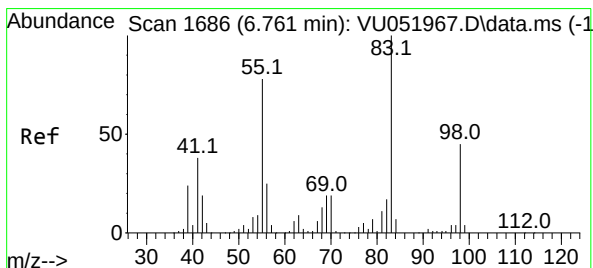
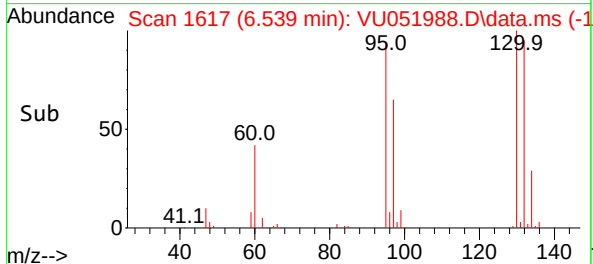
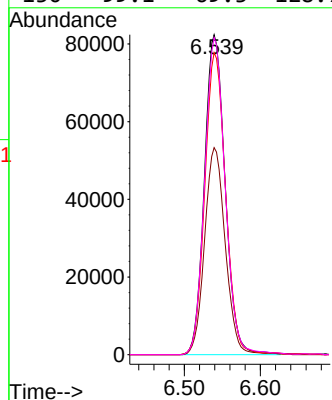
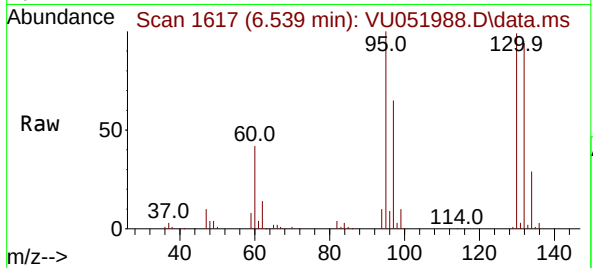




#34
Trichloroethene
Concen: 50.542 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

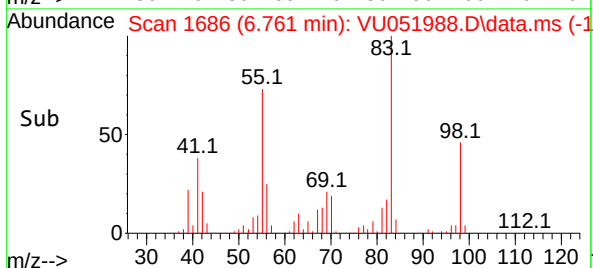
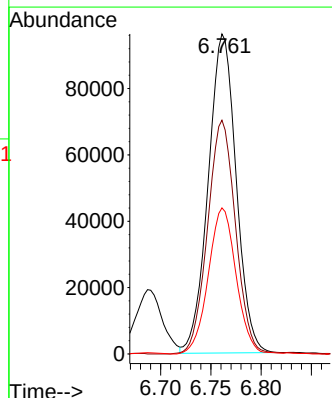
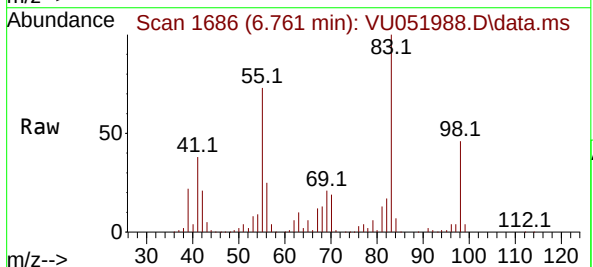
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

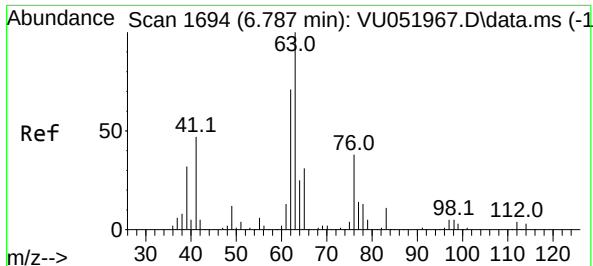
Tgt Ion: 95 Resp: 155871
Ion Ratio Lower Upper
95 100
97 64.7 45.8 85.0
132 94.4 65.3 121.3
130 99.1 69.3 128.7



#35
Methylcyclohexane
Concen: 44.471 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion: 83 Resp: 185965
Ion Ratio Lower Upper
83 100
55 73.3 60.0 90.0
98 45.6 35.8 53.8





#37

1,2-Dichloropropane

Concen: 50.729 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

Instrument :

MSVOA_U

ClientSampleId :

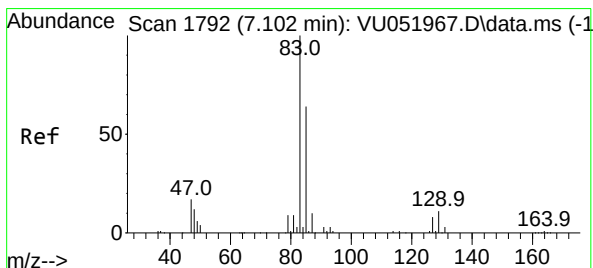
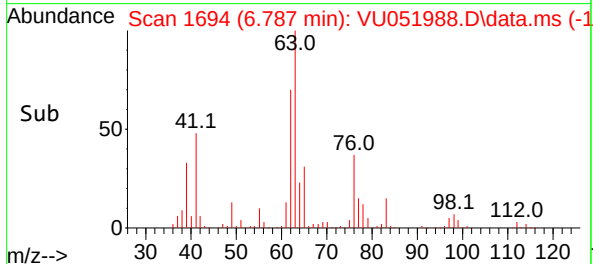
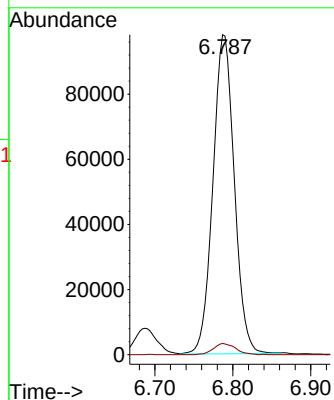
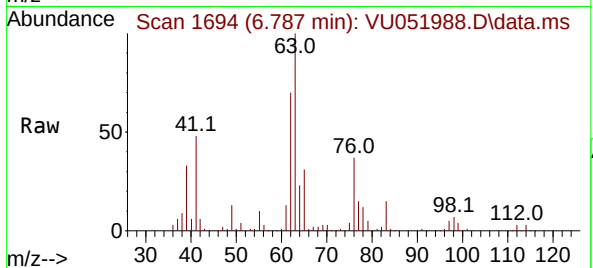
ESQW0MS

Tgt Ion: 63 Resp: 186993

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.6



#38

Bromodichloromethane

Concen: 50.271 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

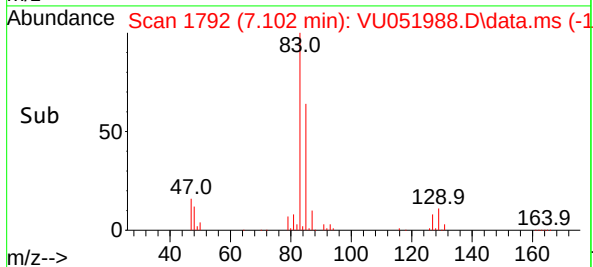
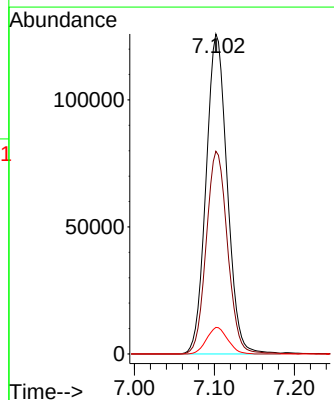
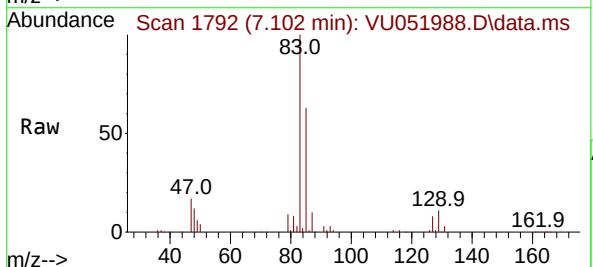
Tgt Ion: 83 Resp: 231837

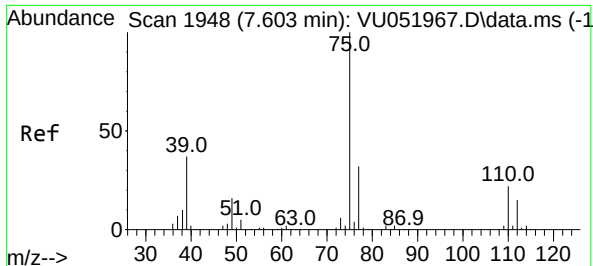
Ion Ratio Lower Upper

83 100

85 63.4 44.6 82.8

127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 47.577 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

Instrument :

MSVOA_U

ClientSampleId :

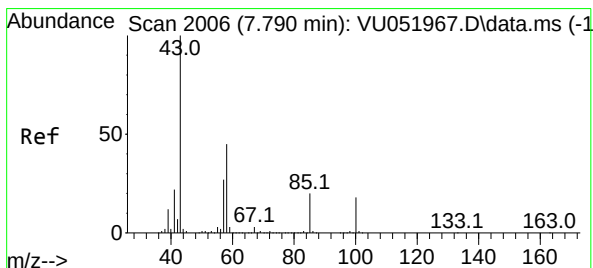
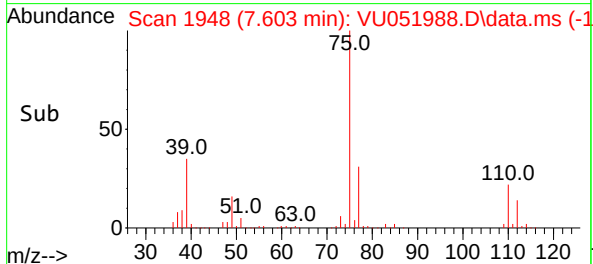
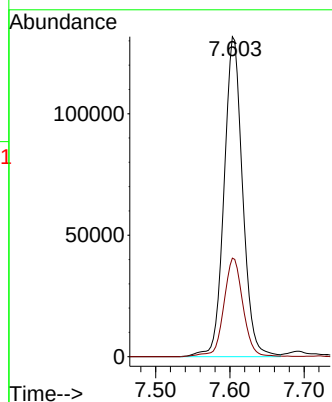
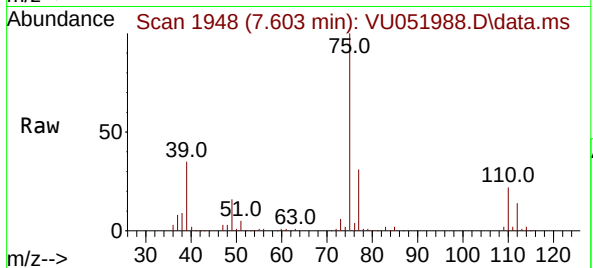
ESQW0MS

Tgt Ion: 75 Resp: 229405

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 105.062 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

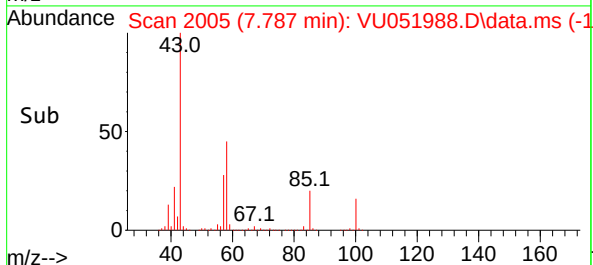
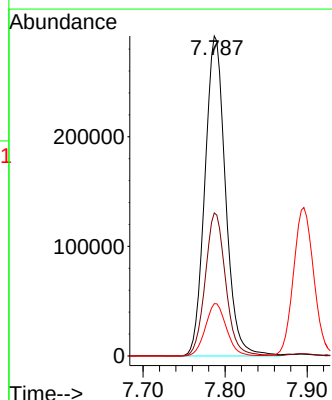
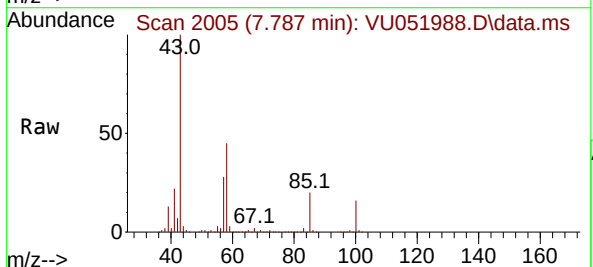
Tgt Ion: 43 Resp: 509980

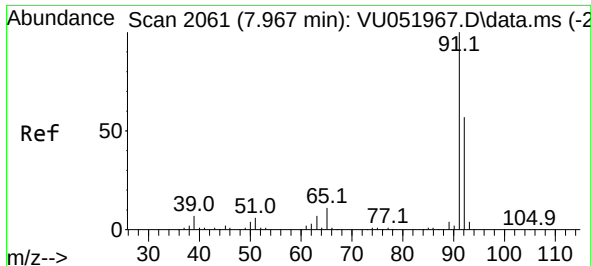
Ion Ratio Lower Upper

43 100

58 44.5 35.4 53.2

100 16.7 13.4 20.0





#42

Toluene

Concen: 53.061 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

Instrument :

MSVOA_U

ClientSampleId :

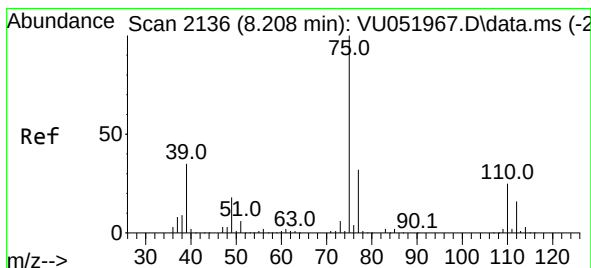
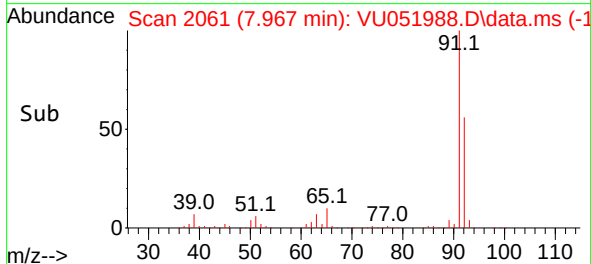
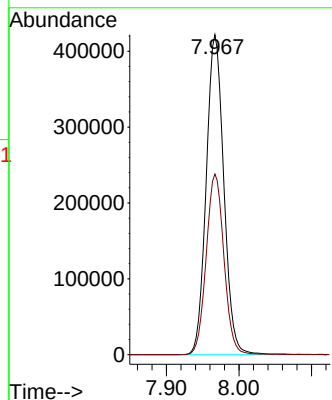
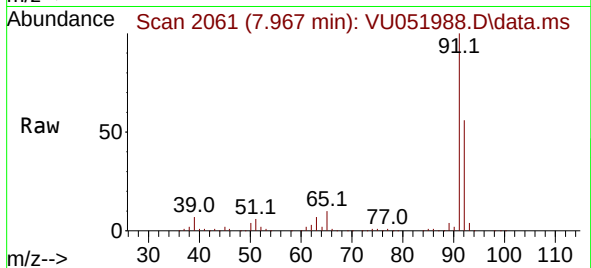
ESQW0MS

Tgt Ion: 91 Resp: 710448

Ion Ratio Lower Upper

91 100

92 56.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 47.542 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051988.D

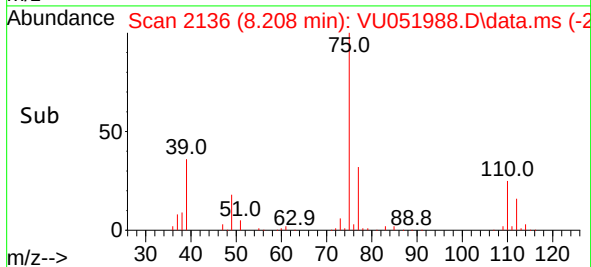
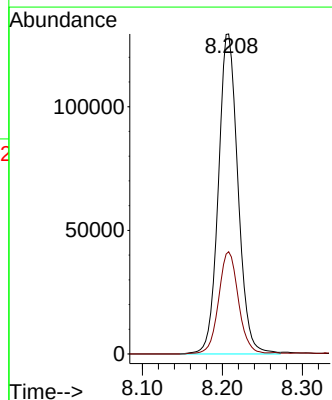
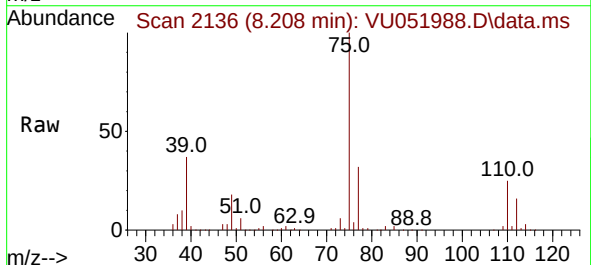
Acq: 20 Nov 2022 21:16

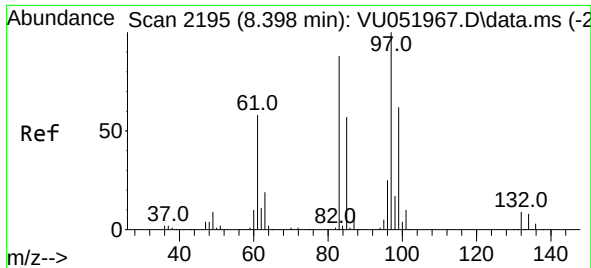
Tgt Ion: 75 Resp: 219663

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



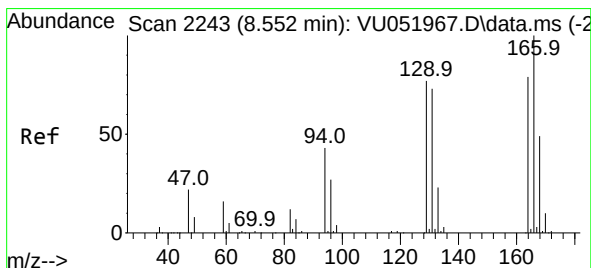
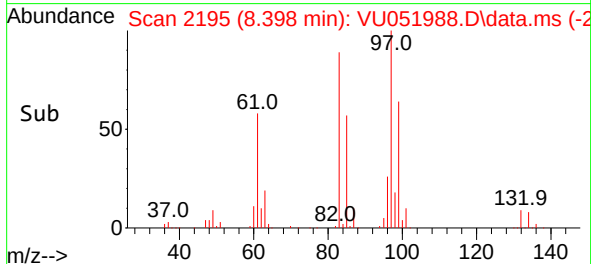
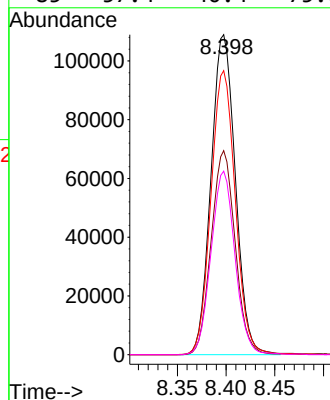
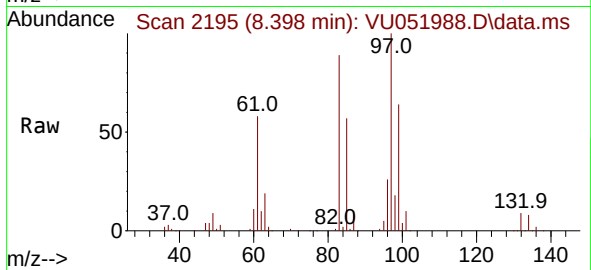


#45
1,1,2-Trichloroethane
Concen: 50.679 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

Tgt Ion: 97 Resp: 189835

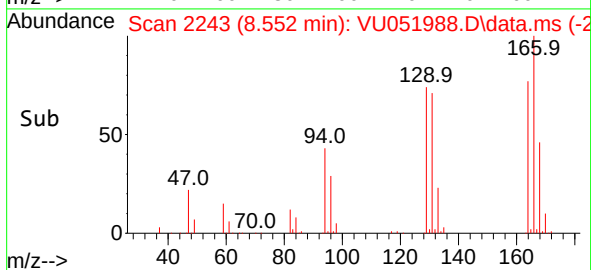
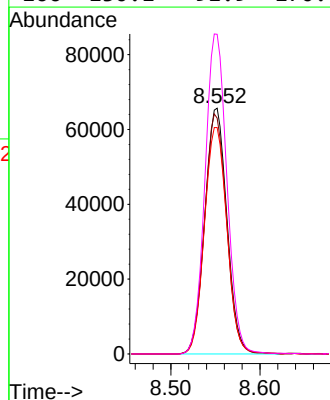
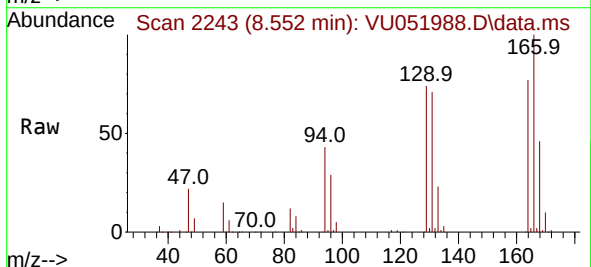
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.3	82.3
83	88.8	62.3	115.7
85	57.4	40.4	75.0

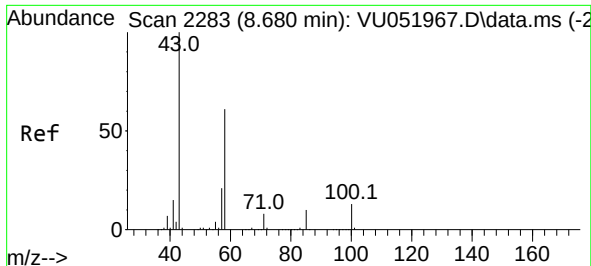


#46
Tetrachloroethene
Concen: 46.083 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion: 164 Resp: 113499

Ion	Ratio	Lower	Upper
164	100		
129	95.9	68.5	127.1
131	92.2	66.6	123.8
166	130.1	91.9	170.7

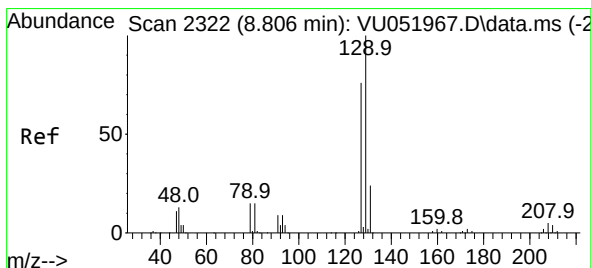
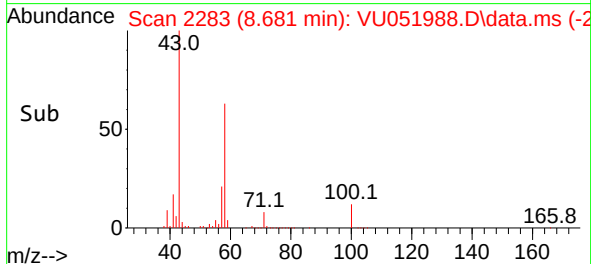
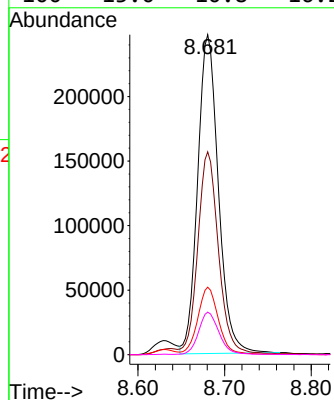
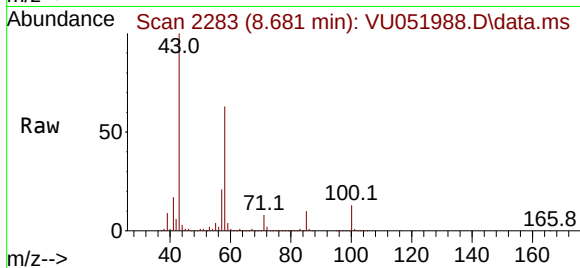




#48
2-Hexanone
Concen: 98.567 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

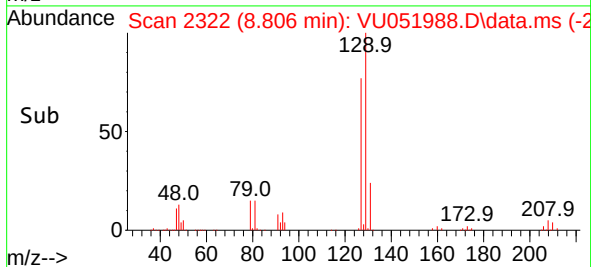
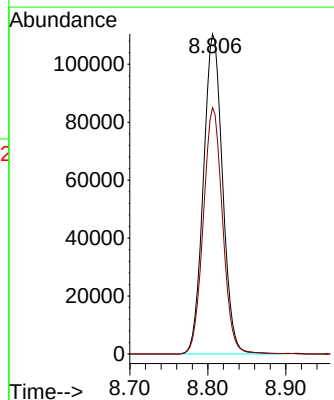
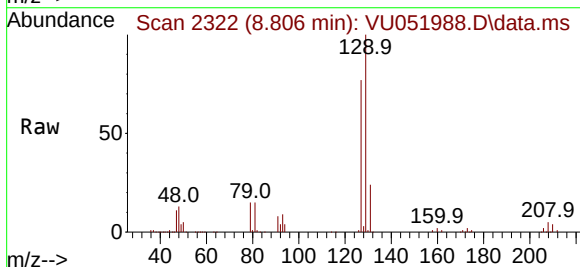
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

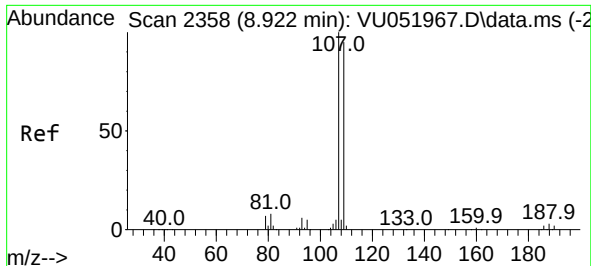
Tgt Ion: 43 Resp: 410917
Ion Ratio Lower Upper
43 100
58 63.2 50.6 76.0
57 21.2 16.8 25.2
100 13.0 10.8 16.2



#49
Dibromochloromethane
Concen: 48.812 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion: 129 Resp: 188524
Ion Ratio Lower Upper
129 100
127 77.0 54.4 101.0





#50

1,2-Dibromoethane

Concen: 50.375 ug/L

RT: 8.918 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

Instrument :

MSVOA_U

ClientSampleId :

ESQW0MS

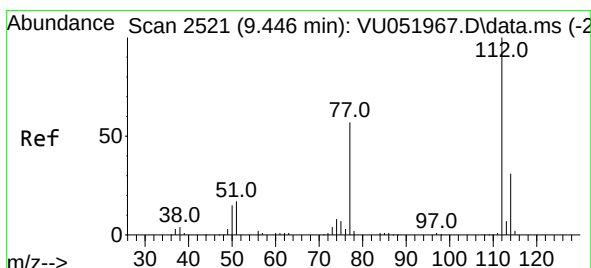
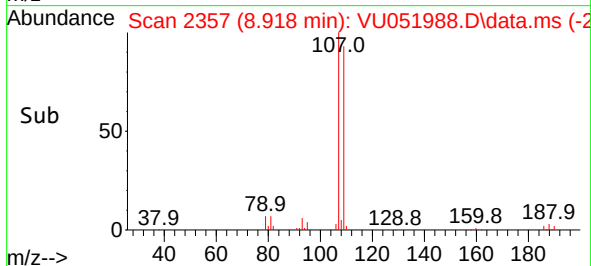
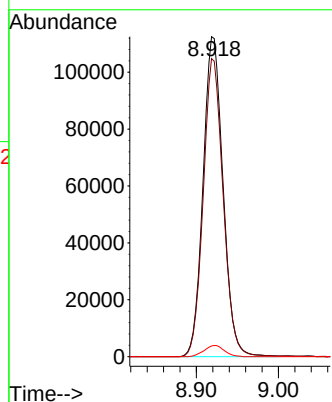
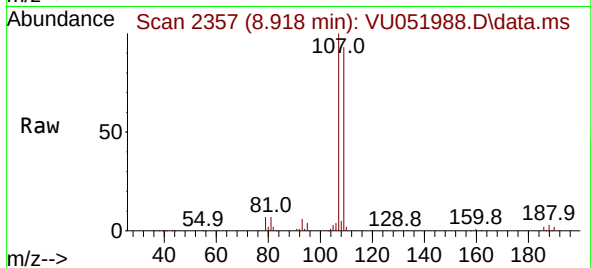
Tgt Ion:107 Resp: 189957

Ion Ratio Lower Upper

107 100

109 93.1 65.0 120.6

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 48.816 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.003 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

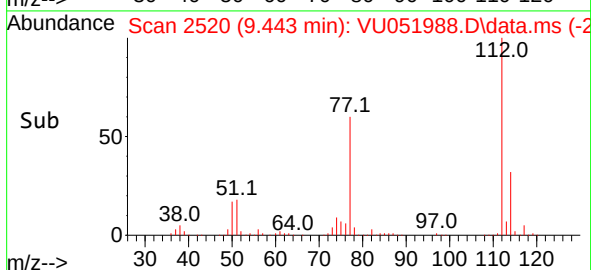
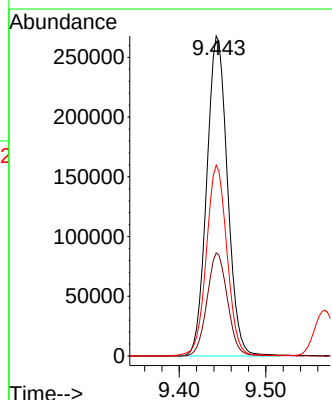
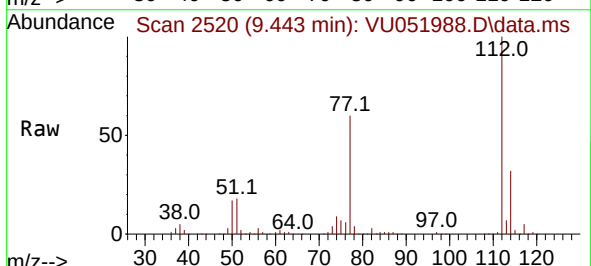
Tgt Ion:112 Resp: 446620

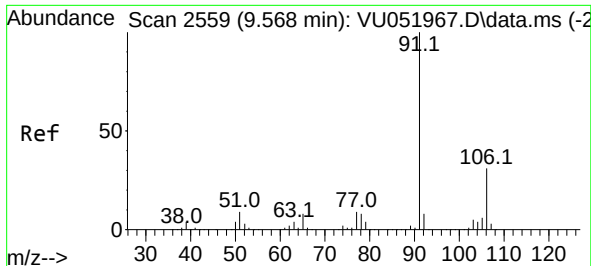
Ion Ratio Lower Upper

112 100

114 32.2 22.2 41.2

77 59.6 46.7 70.1

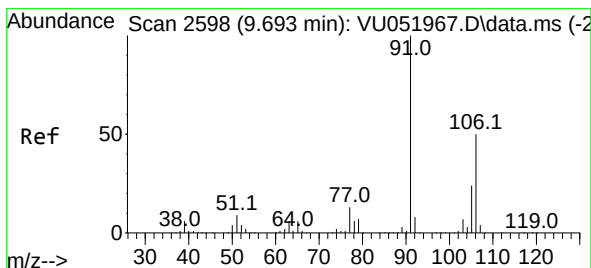
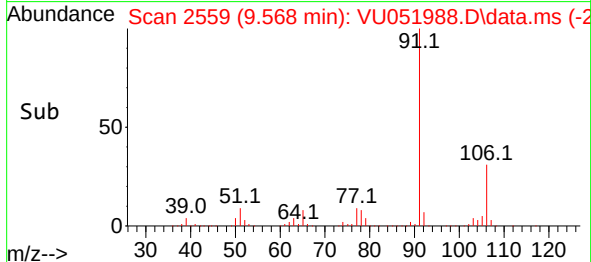
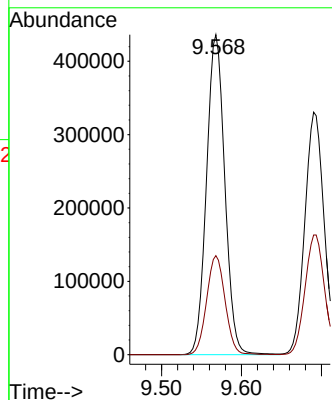
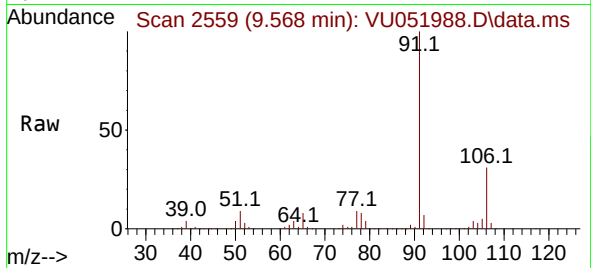




#52
Ethylbenzene
Concen: 50.682 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

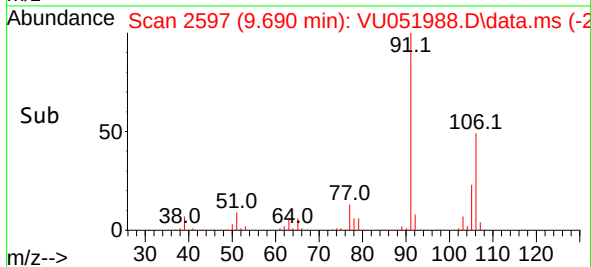
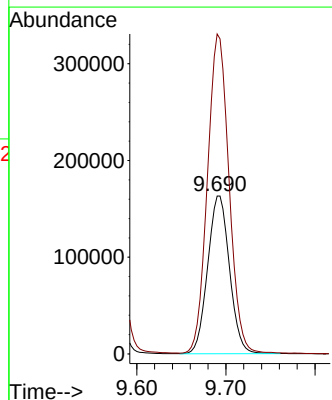
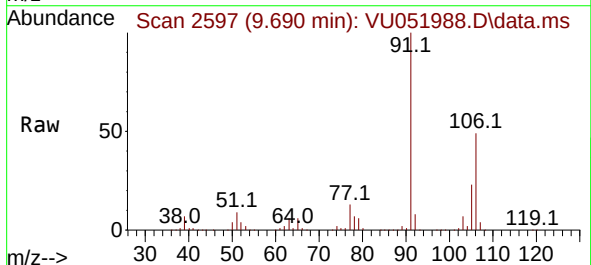
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

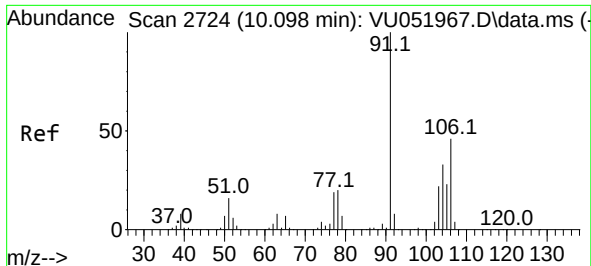
Tgt Ion: 91 Resp: 694479
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.6



#53
m,p-Xylene
Concen: 52.307 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion: 106 Resp: 277436
Ion Ratio Lower Upper
106 100
91 202.6 141.7 263.3

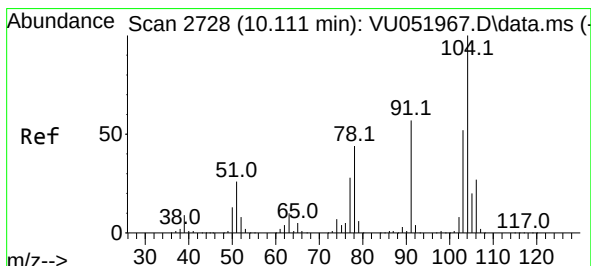
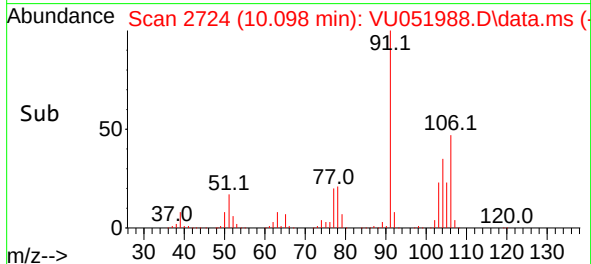
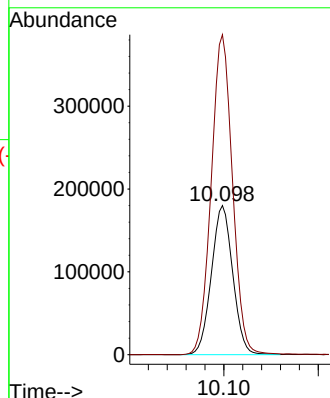
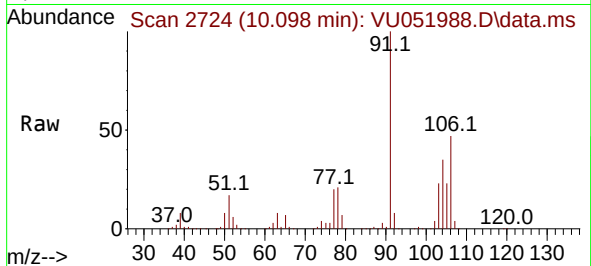




#54
o-Xylene
Concen: 52.216 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

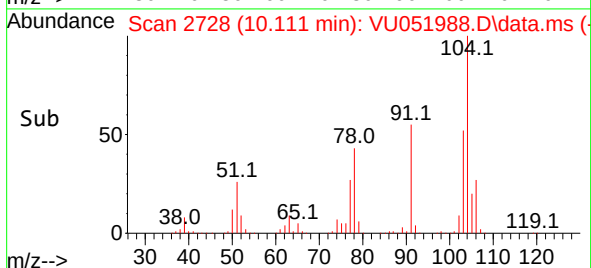
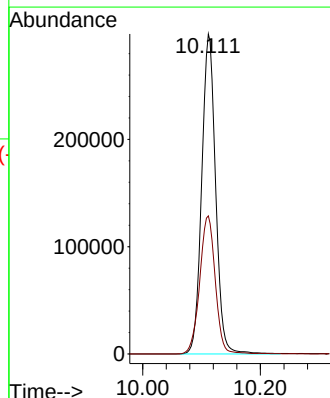
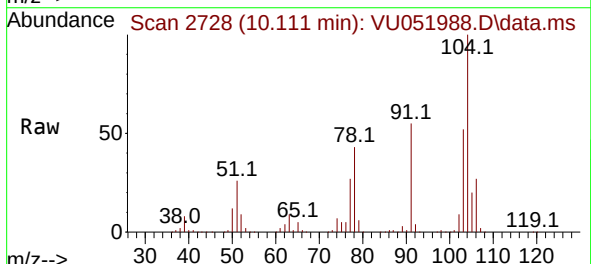
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

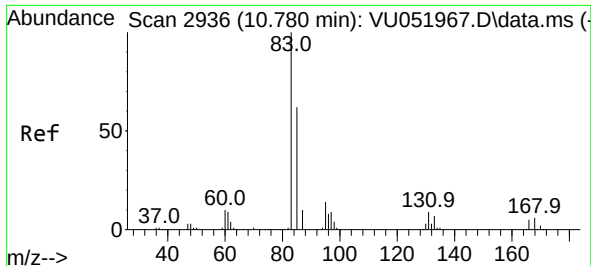
Tgt Ion:106 Resp: 281884
Ion Ratio Lower Upper
106 100
91 214.5 149.7 278.1



#55
Styrene
Concen: 52.587 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion:104 Resp: 489832
Ion Ratio Lower Upper
104 100
78 43.1 30.3 56.3

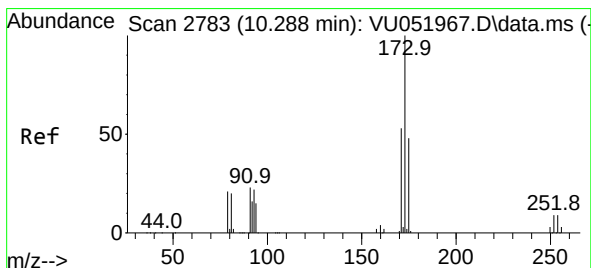
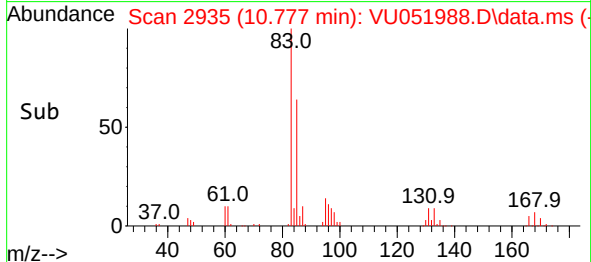
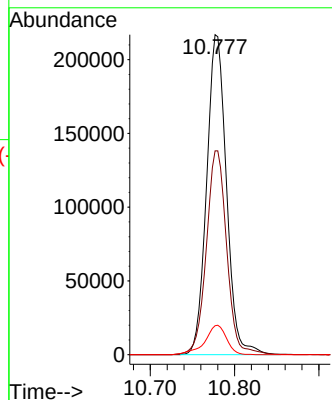
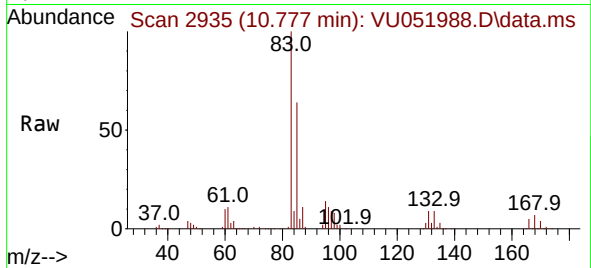




#57
1,1,2,2-Tetrachloroethane
Concen: 50.161 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

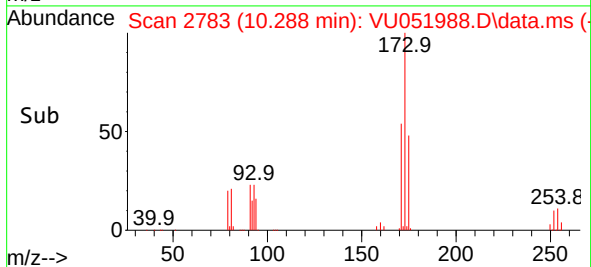
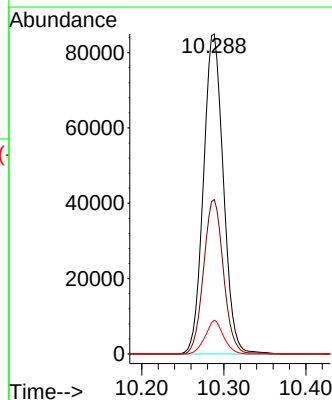
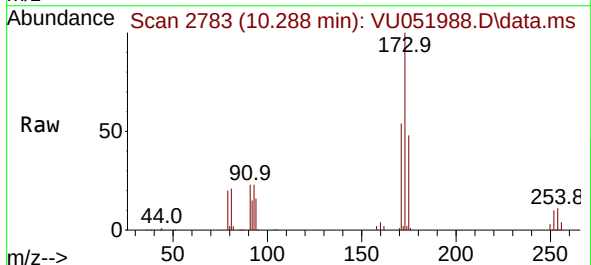
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

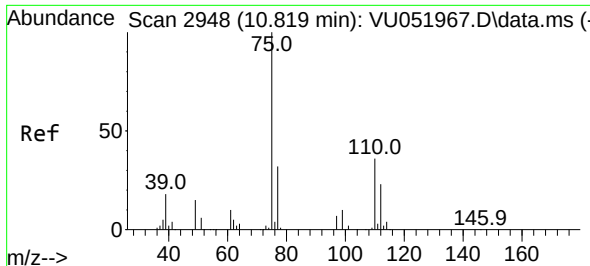
Tgt Ion: 83 Resp: 355053
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.3
131 9.1 6.8 10.2



#59
Bromoform
Concen: 46.958 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion:173 Resp: 143702
Ion Ratio Lower Upper
173 100
175 47.9 38.9 58.3
254 9.7 7.4 11.2

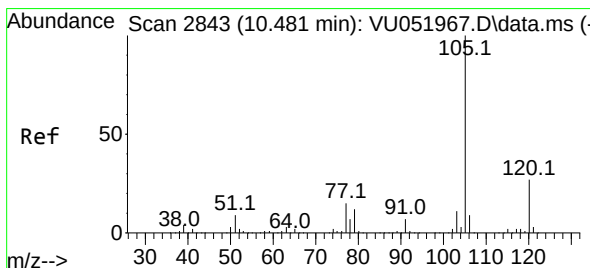
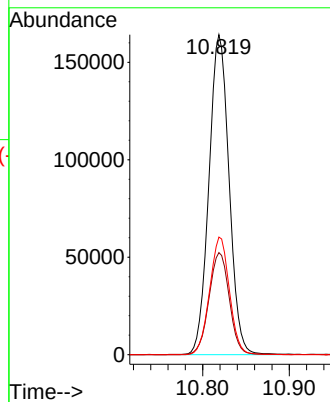
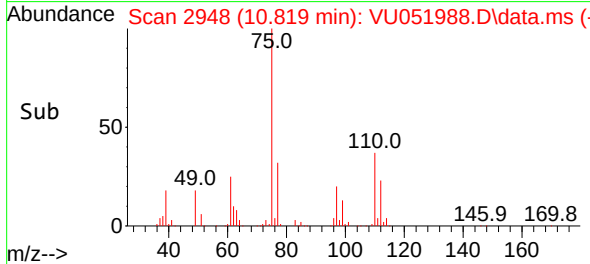
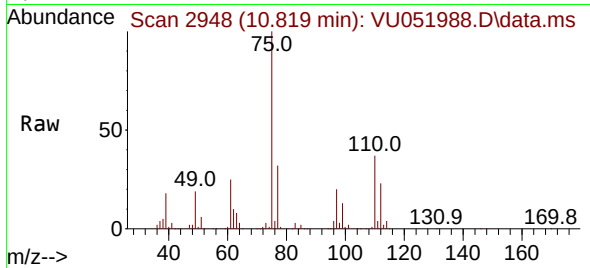




#60
1,2,3-Trichloropropane
Concen: 49.146 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

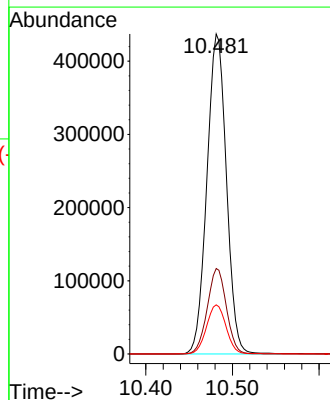
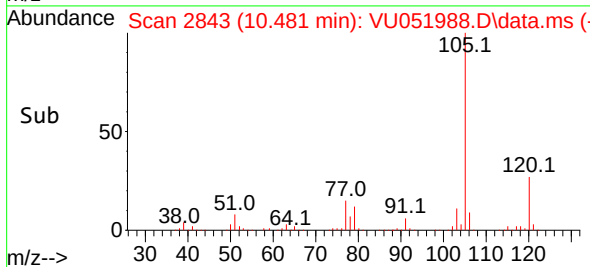
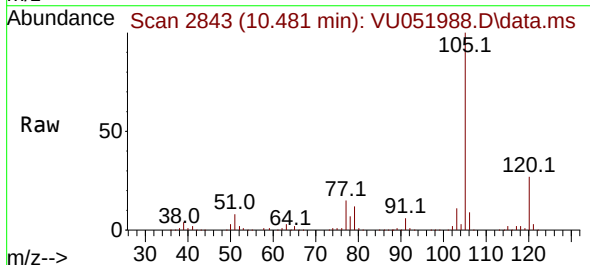
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

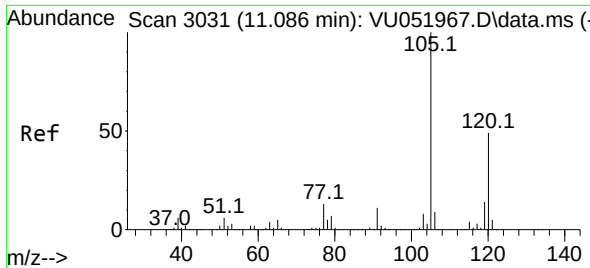
Tgt Ion: 75 Resp: 265346
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.4
110 36.1 29.0 43.4



#61
Isopropylbenzene
Concen: 51.800 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion: 105 Resp: 683340
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 15.3 12.2 18.4

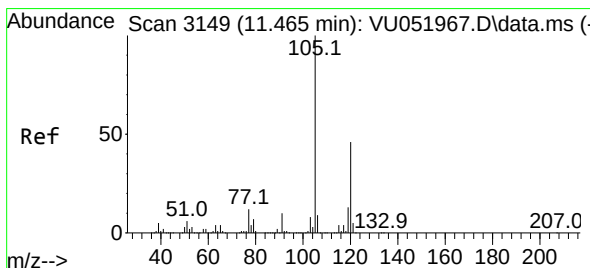
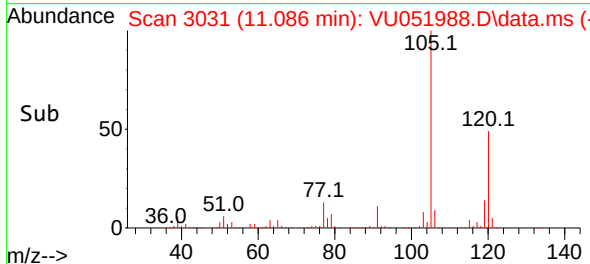
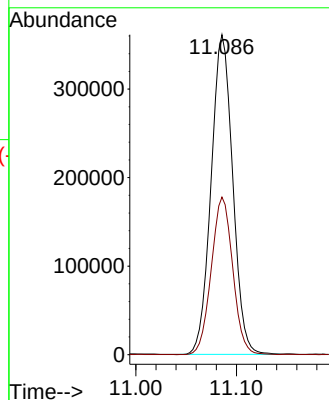
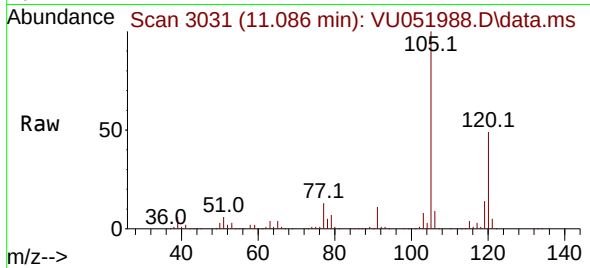




#62
1,3,5-Trimethylbenzene
Concen: 50.172 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

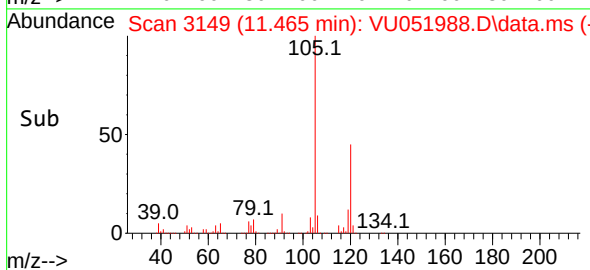
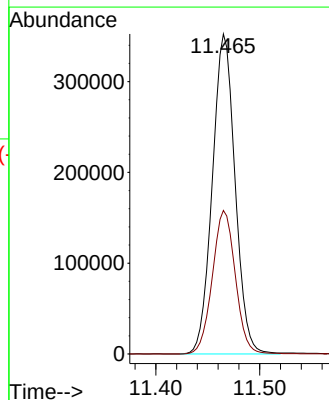
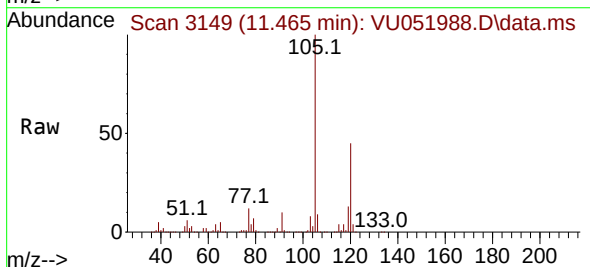
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

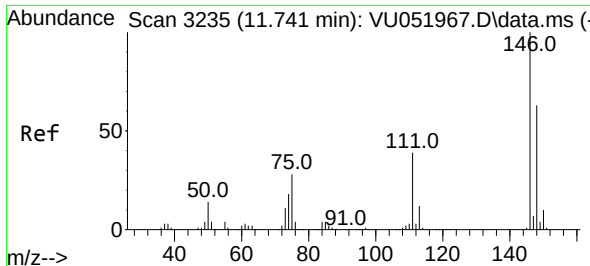
Tgt Ion:105 Resp: 539314
Ion Ratio Lower Upper
105 100
120 49.0 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 51.000 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion:105 Resp: 535611
Ion Ratio Lower Upper
105 100
120 45.3 36.2 54.2

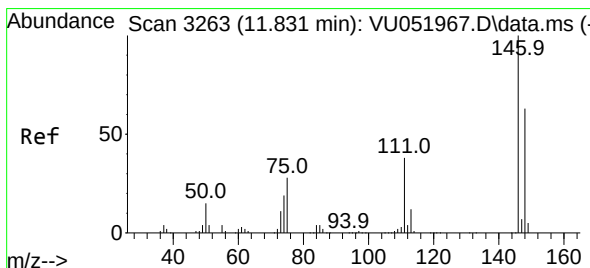
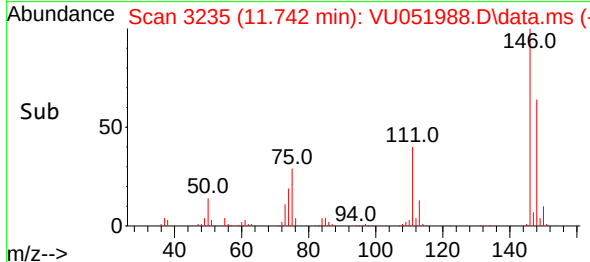
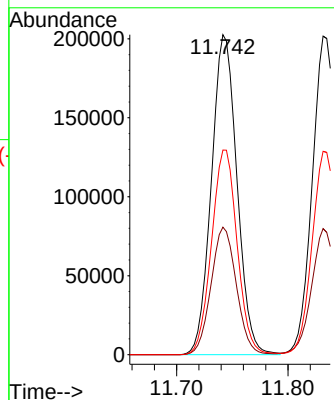
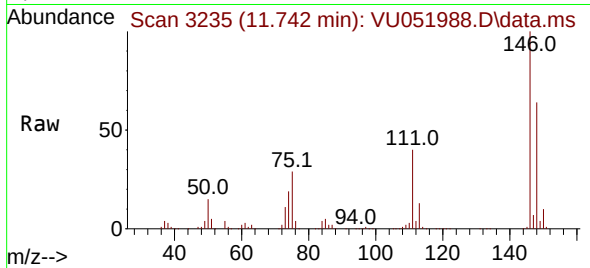




#64
1,3-Dichlorobenzene
Concen: 48.329 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

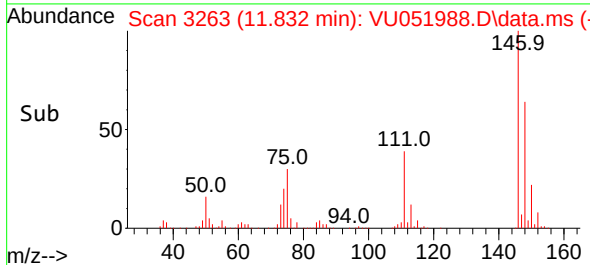
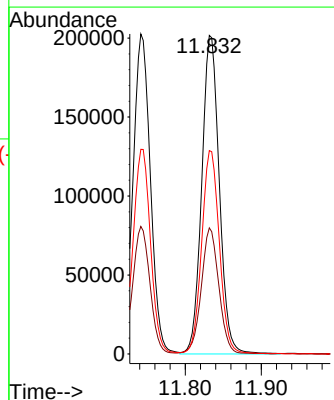
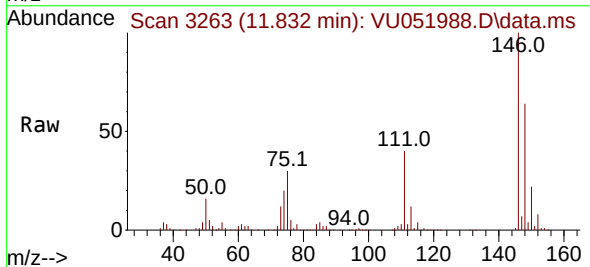
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

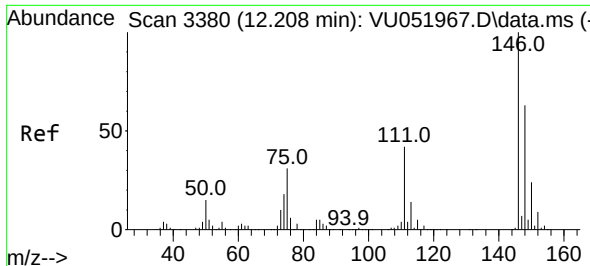
Tgt Ion:146 Resp: 323128
Ion Ratio Lower Upper
146 100
111 39.9 28.1 52.1
148 64.0 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 47.854 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion:146 Resp: 324009
Ion Ratio Lower Upper
146 100
111 39.6 26.7 49.5
148 63.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 48.895 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. -0.003 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

Instrument :

MSVOA_U

ClientSampleId :

ESQW0MS

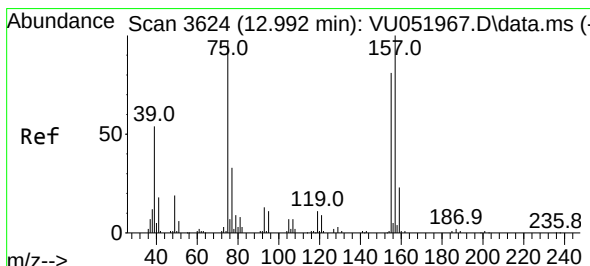
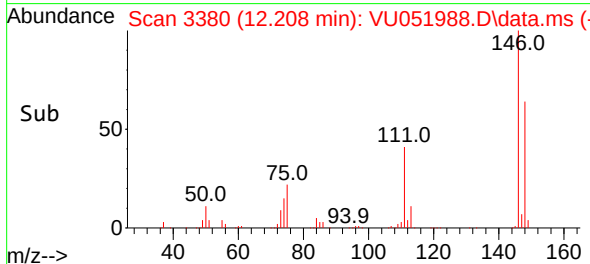
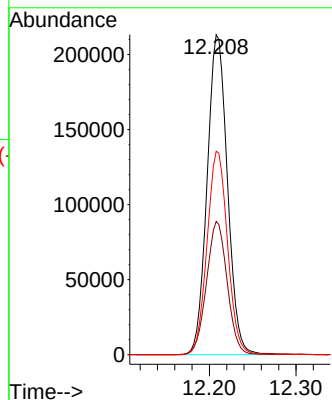
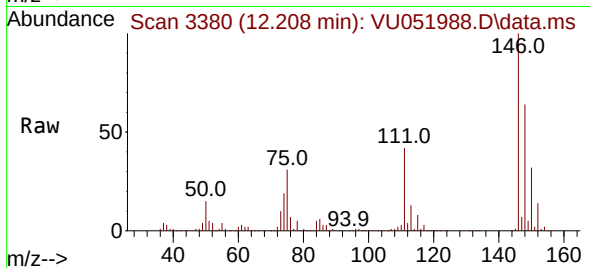
Tgt Ion:146 Resp: 347626

Ion Ratio Lower Upper

146 100

111 41.6 33.6 50.4

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 46.609 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051988.D

Acq: 20 Nov 2022 21:16

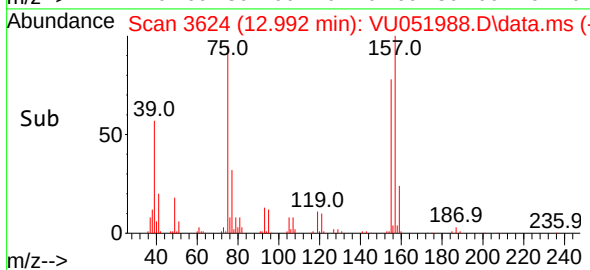
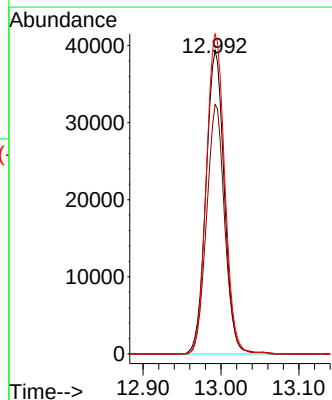
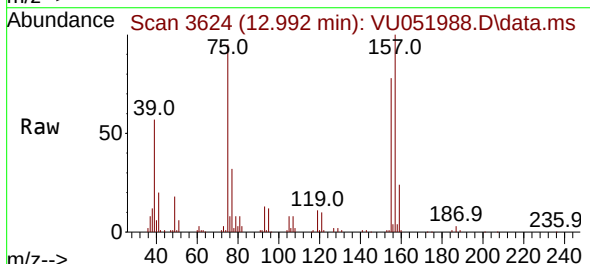
Tgt Ion: 75 Resp: 64430

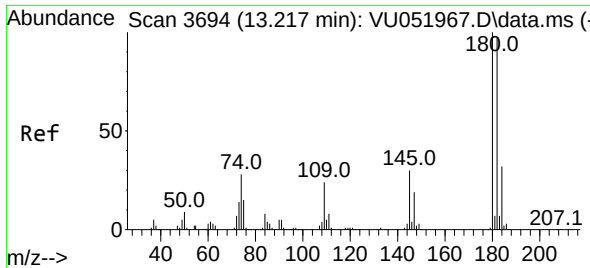
Ion Ratio Lower Upper

75 100

155 82.2 63.0 94.6

157 105.4 79.4 119.0

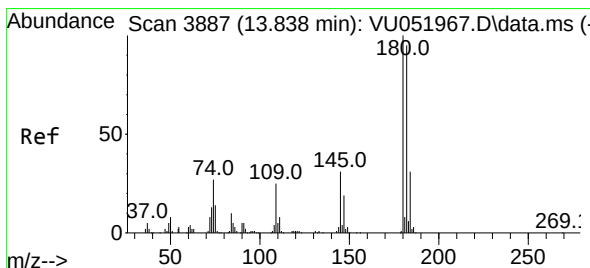
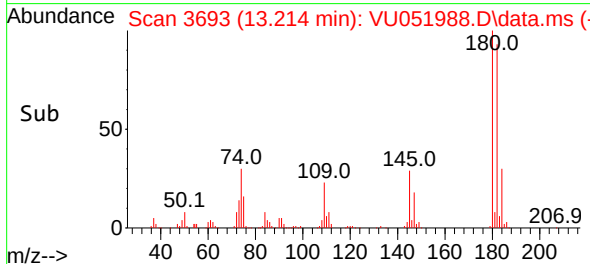
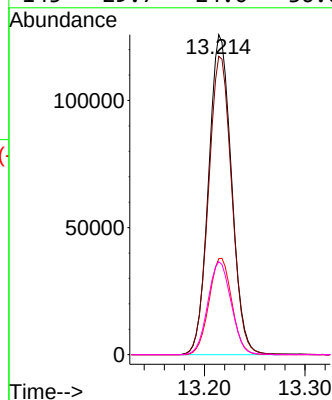
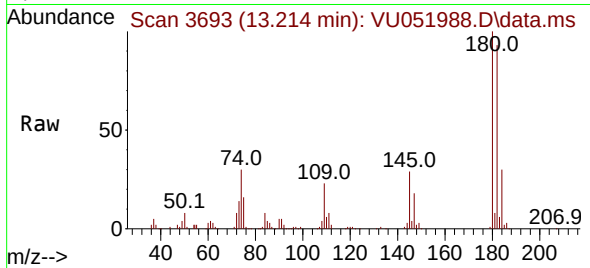




#69
 1,3,5-Trichlorobenzene
 Concen: 44.848 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. -0.003 min
 Lab File: VU051988.D
 Acq: 20 Nov 2022 21:16

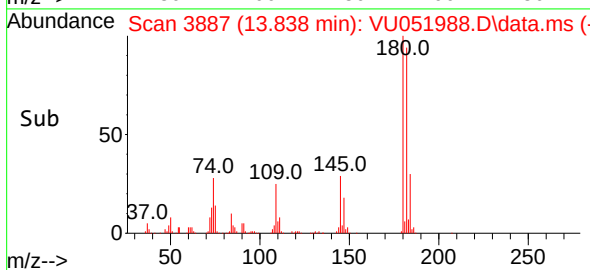
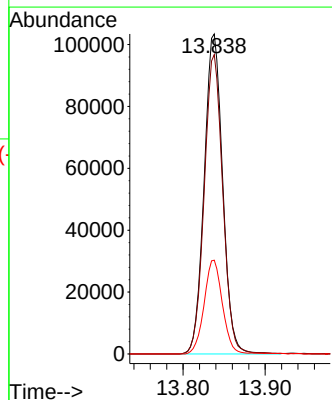
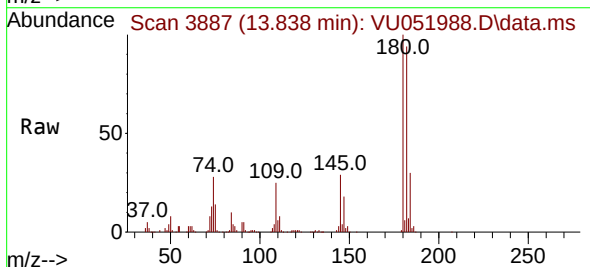
Instrument :
 MSVOA_U
 ClientSampleId :
 ESQW0MS

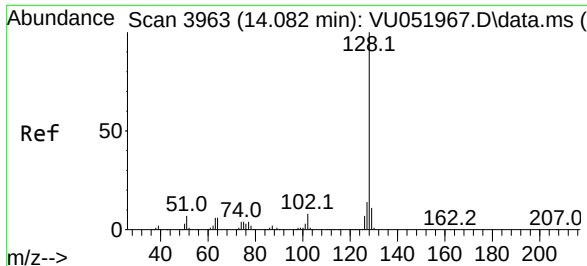
Tgt Ion:	180	Resp:	198935
Ion Ratio	Lower	Upper	
180	100		
182	94.7	77.0	115.4
184	29.9	23.8	35.8
145	29.7	24.0	36.0



#70
 1,2,4-trichlorobenzene
 Concen: 46.003 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051988.D
 Acq: 20 Nov 2022 21:16

Tgt Ion:	180	Resp:	161744
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.4	114.6
145	28.9	24.2	36.2

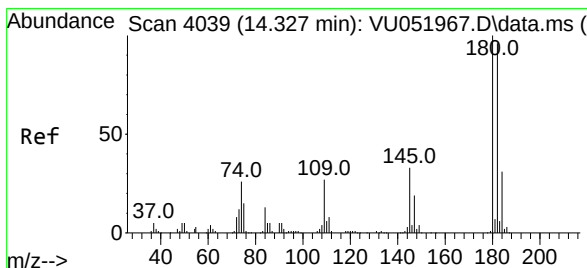
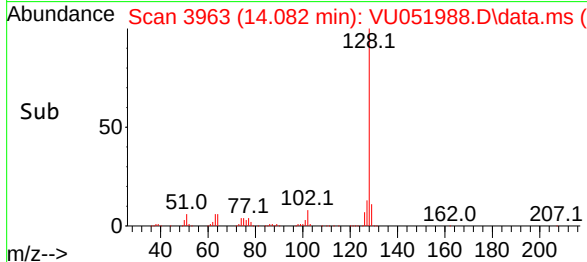
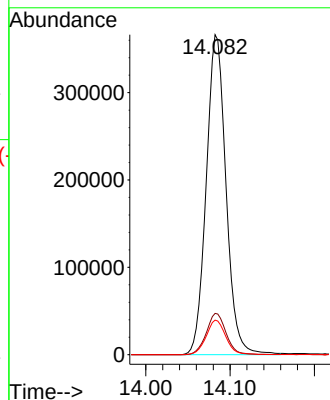
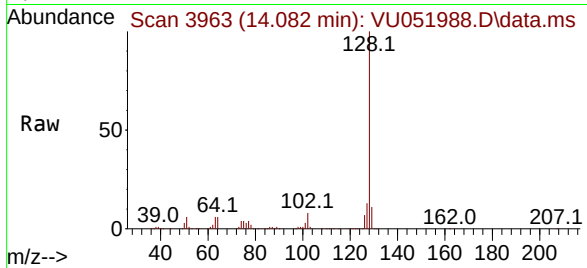




#71
Naphthalene
Concen: 51.816 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Instrument :
MSVOA_U
ClientSampleId :
ESQW0MS

Tgt Ion:128 Resp: 599159
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 48.695 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051988.D
Acq: 20 Nov 2022 21:16

Tgt Ion:180 Resp: 187391
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 32.1 24.9 37.3

