

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051701.D
 Acq On : 02 Nov 2022 19:26
 Operator : JC/MD
 Sample : N5321-21MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWU9MS

Quant Time: Nov 03 01:50:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		6.247	114	185362	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.414	117	192393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.809	152	103603	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	76835	5.504	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130		Recovery	=	110.000%	
7) Chloroethane-d5		1.906	69	68382	4.697	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130		Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2		2.562	65	29967	5.915	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125		Recovery	=	118.200%	
20) 2-Butanone-d5		4.616	46	209500	41.437	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130		Recovery	=	82.880%	
24) Chloroform-d		5.060	84	163124	4.993	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4		5.700	65	79691	4.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	=	90.400%	
32) Benzene-d6		5.726	84	310800	5.119	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6		6.690	67	101130	4.764	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140		Recovery	=	95.200%	
41) Toluene-d8		7.896	98	284444	5.958	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	=	119.200%	
43) trans-1,3-Dichloroprop...		8.179	79	31596	4.867	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130		Recovery	=	97.400%	
46) 2-Hexanone-d5		8.629	63	177494	45.422	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130		Recovery	=	90.840%	
56) 1,1,2,2-Tetrachloroeth...		10.754	84	94241	4.844	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120		Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4		12.192	152	101888	5.358	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120		Recovery	=	107.200%	
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane		1.382	85	105529	5.206	ug/L	99
3) Chloromethane		1.523	50	124747	4.882	ug/L	99
5) Vinyl chloride		1.600	62	131623	5.377	ug/L #	47
6) Bromomethane		1.845	94	28925	2.492	ug/L	99
8) Chloroethane		1.928	64	78588	5.287	ug/L	90
9) Trichlorofluoromethane		2.134	101	145091	5.400	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...		2.575	101	84391	5.342	ug/L	99
12) 1,1-Dichloroethene		2.575	96	86508	5.368	ug/L	91
13) Acetone		2.623	43	159460	62.160	ug/L	99
14) Carbon disulfide		2.790	76	269200	5.182	ug/L	99
15) Methyl Acetate		2.948	43	26027	3.875	ug/L	98
16) Methylene chloride		3.041	84	113300	4.293	ug/L	99
17) Methyl tert-butyl Ether		3.359	73	214798	5.813	ug/L	100
18) trans-1,2-Dichloroethene		3.350	96	94330	5.454	ug/L	97
19) 1,1-Dichloroethane		3.864	63	183120	5.741	ug/L	98
21) 2-Butanone		4.697	43	260453	64.833	ug/L	97
22) cis-1,2-Dichloroethene		4.661	96	113699	5.942	ug/L	99
23) Bromochloromethane		4.973	128	53097	5.934	ug/L	93
25) Chloroform		5.086	83	189544	5.728	ug/L	99

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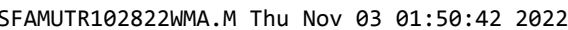
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 ClientSampleId :
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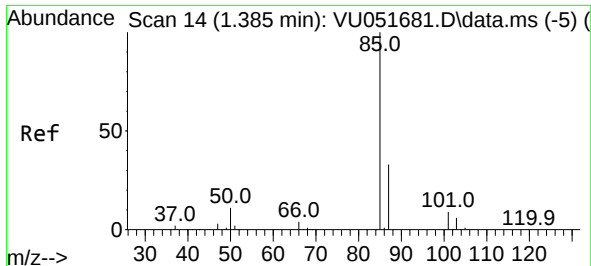
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	120194	5.902	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	144321	5.525	ug/L	99
30) Cyclohexane	5.385	56	121292	5.043	ug/L	98
31) Carbon tetrachloride	5.520	117	121267	5.428	ug/L	100
33) Benzene	5.771	78	423834	5.582	ug/L	100
34) Trichloroethene	6.539	95	100957	5.510	ug/L	98
35) Methylcyclohexane	6.761	83	123440	4.873	ug/L	99
37) 1,2-Dichloropropane	6.790	63	113501	5.812	ug/L	99
38) Bromodichloromethane	7.105	83	136350	5.716	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	124628	4.975	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	629137	64.232	ug/L	100
42) Toluene	7.967	91	442384	5.674	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	109673	5.238	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	83283	5.820	ug/L	99
47) Tetrachloroethene	8.552	164	76506	5.452	ug/L	95
48) 2-Hexanone	8.681	43	473020	65.243	ug/L	100
49) Dibromochloromethane	8.809	129	95589	5.847	ug/L	95
50) 1,2-Dibromoethane	8.922	107	76256	5.907	ug/L	96
51) Chlorobenzene	9.446	112	275023	5.604	ug/L	99
52) Ethylbenzene	9.568	91	410794	5.460	ug/L	100
53) m,p-Xylene	9.693	106	163853	5.607	ug/L	99
54) o-Xylene	10.099	106	163968	5.741	ug/L	98
55) Styrene	10.111	104	275991	5.780	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	109710	6.183	ug/L	98
59) Bromoform	10.288	173	53584	5.598	ug/L	98
60) Isopropylbenzene	10.481	105	402560	5.323	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	74538	5.564	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	99918	4.907	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	293453	4.998	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	201789	5.359	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	199617	5.288	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	200111	5.456	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	15636	5.668	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	133100	4.959	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	101664	4.934	ug/L	99
71) Naphthalene	14.086	128	187837	4.884	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	107886	5.185	ug/L	100

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

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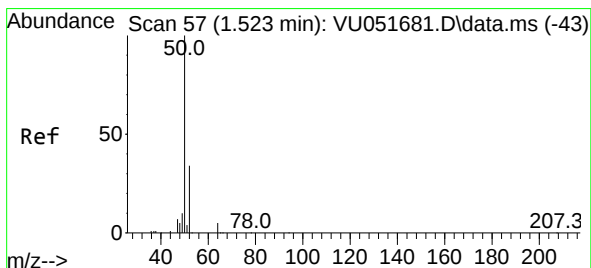
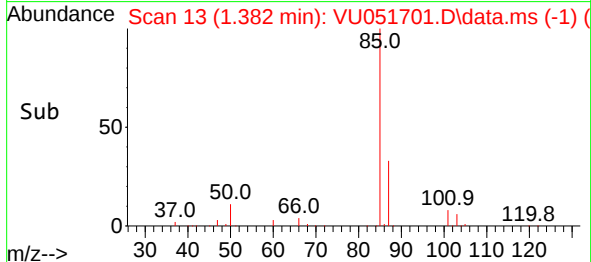
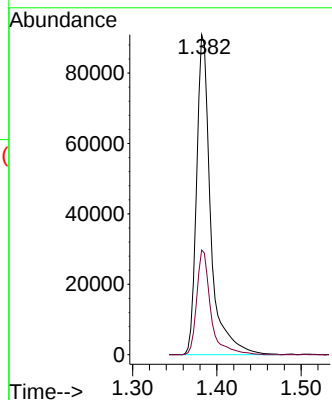
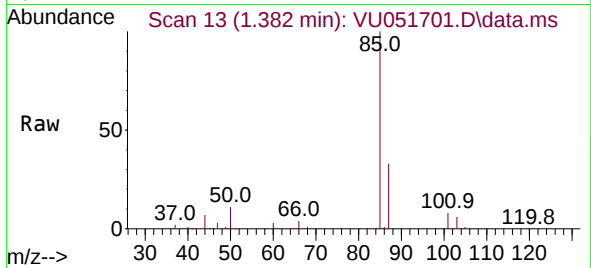




#2
Dichlorodifluoromethane
Concen: 5.206 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

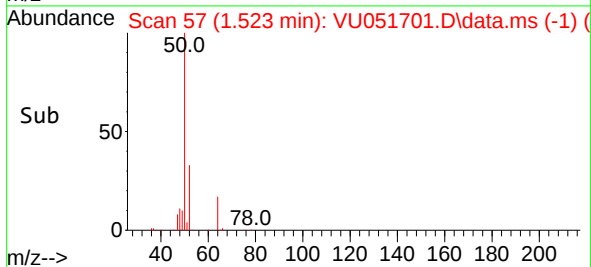
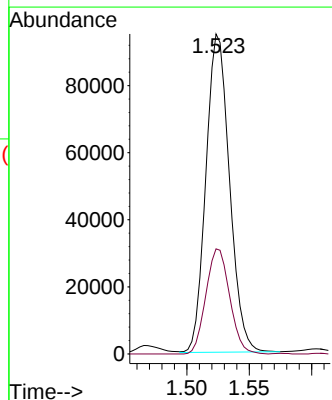
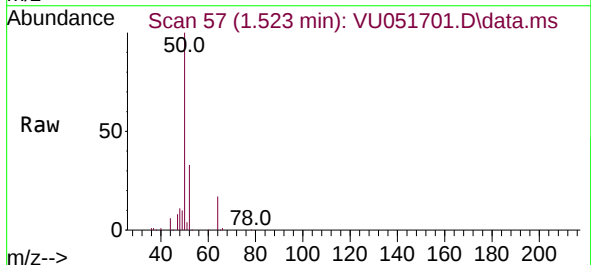
Instrument :
MSVOA_U
ClientSampleId :
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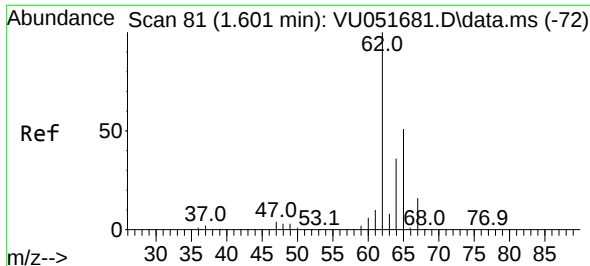
Tgt Ion: 85 Resp: 105529
Ion Ratio Lower Upper
85 100
87 32.6 25.7 38.5



#3
Chloromethane
Concen: 4.882 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Tgt Ion: 50 Resp: 124747
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

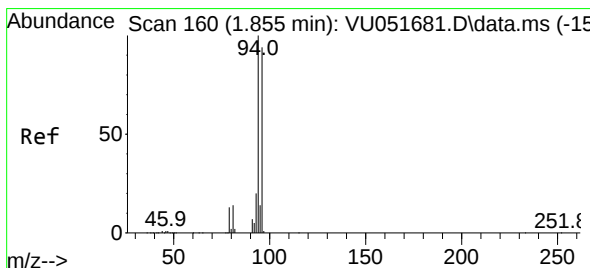
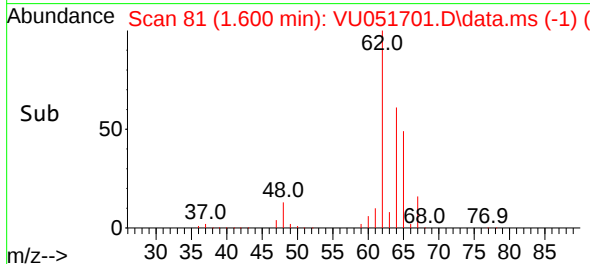
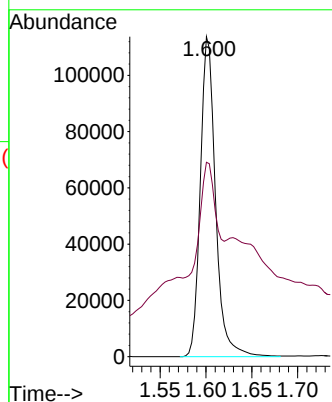
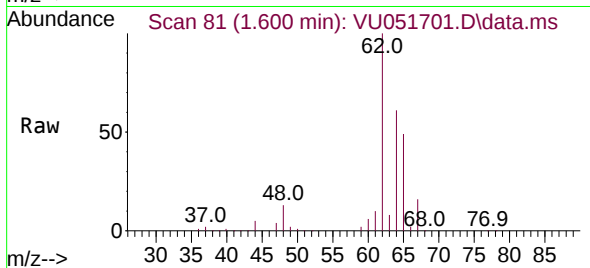




#5
 Vinyl chloride
 Concen: 5.377 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051701.D
 Acq: 02 Nov 2022 19:26

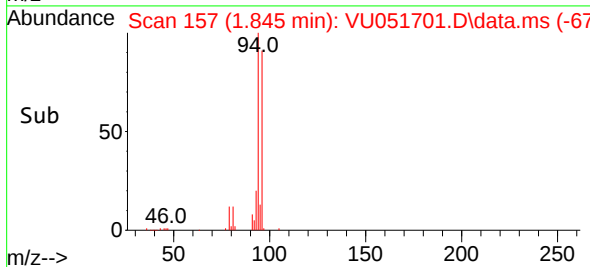
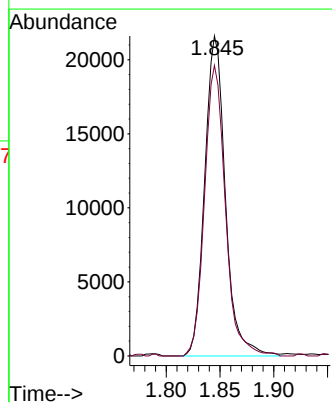
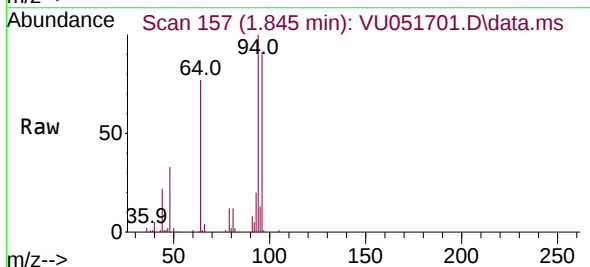
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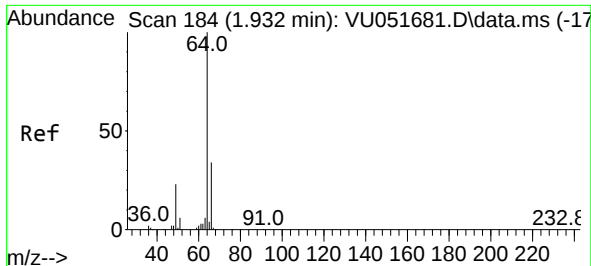
Tgt Ion: 62 Resp: 131623
 Ion Ratio Lower Upper
 62 100
 64 60.7 22.1 41.1#



#6
 Bromomethane
 Concen: 2.492 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.010 min
 Lab File: VU051701.D
 Acq: 02 Nov 2022 19:26

Tgt Ion: 94 Resp: 28925
 Ion Ratio Lower Upper
 94 100
 96 90.8 63.2 117.4

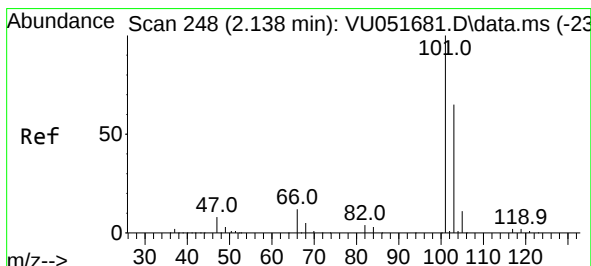
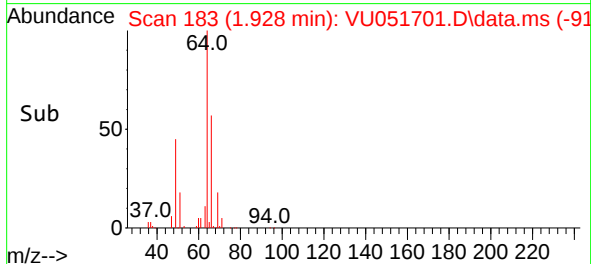
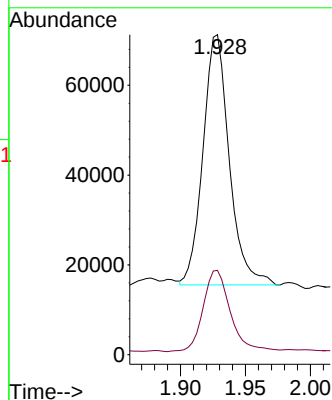
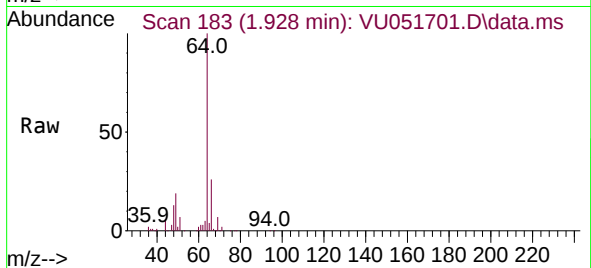




#8
Chloroethane
Concen: 5.287 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

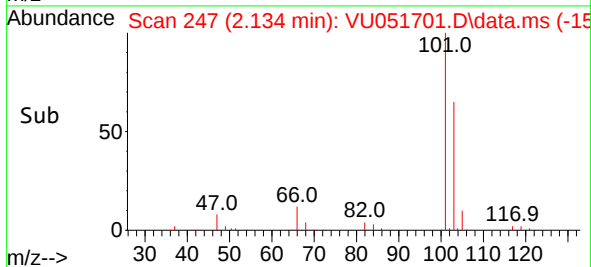
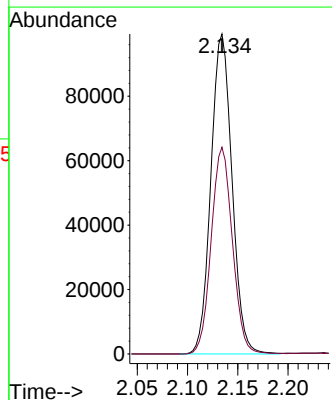
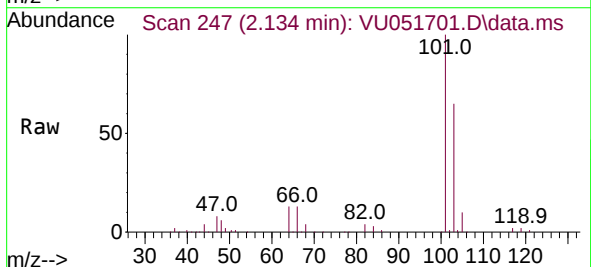
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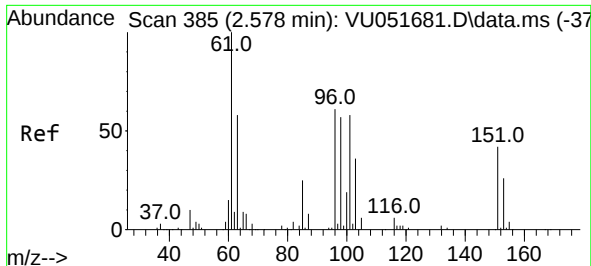
Tgt Ion: 64 Resp: 78588
Ion Ratio Lower Upper
64 100
66 26.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.400 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Tgt Ion:101 Resp: 145091
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

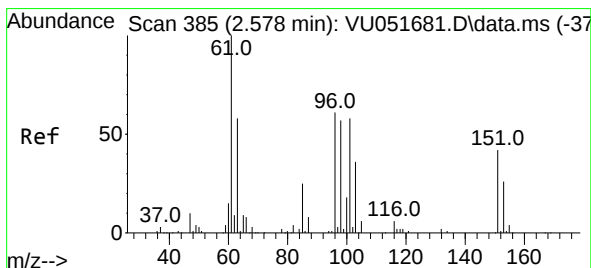
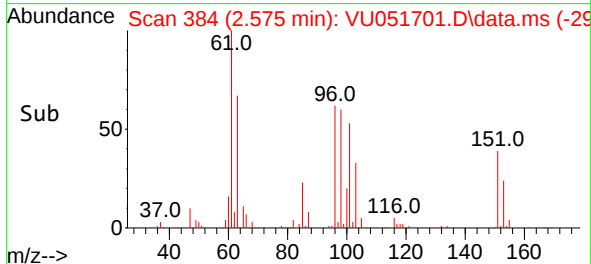
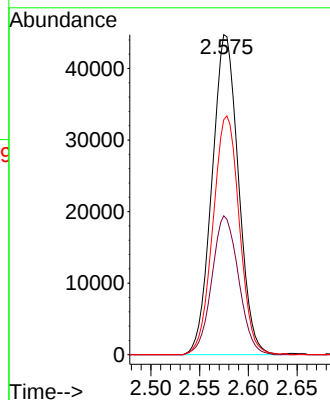
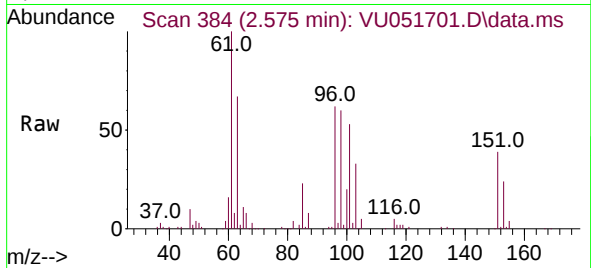




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.342 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051701.D
 Acq: 02 Nov 2022 19:26

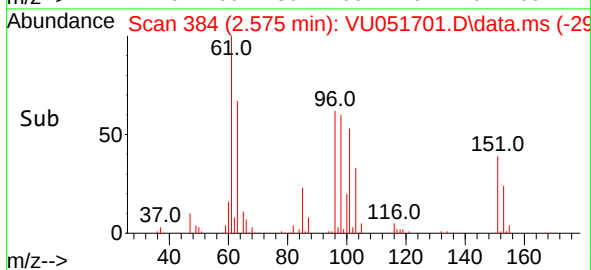
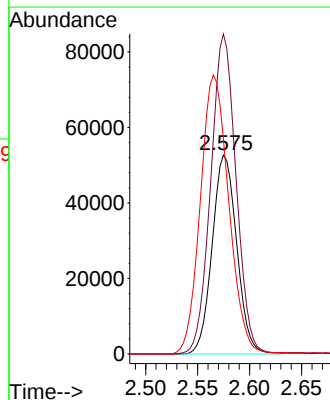
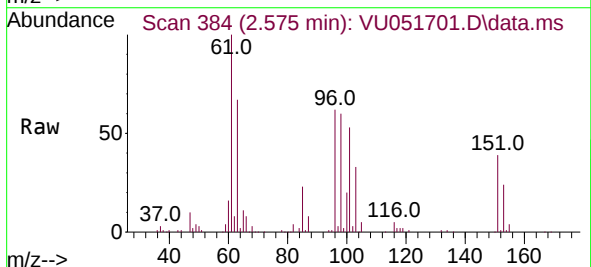
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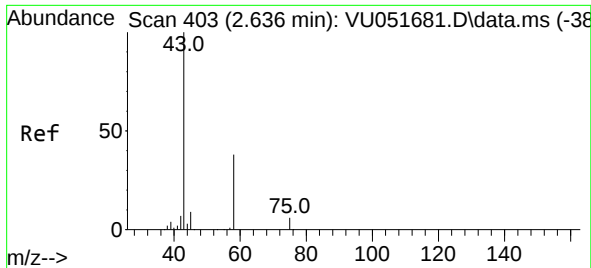
Tgt Ion:101 Resp: 84391
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.6 53.4
 151 74.8 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.368 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051701.D
 Acq: 02 Nov 2022 19:26

Tgt Ion: 96 Resp: 86508
 Ion Ratio Lower Upper
 96 100
 61 160.9 108.8 202.0
 63 108.1 64.9 120.5





#13

Acetone

Concen: 62.160 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.013 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

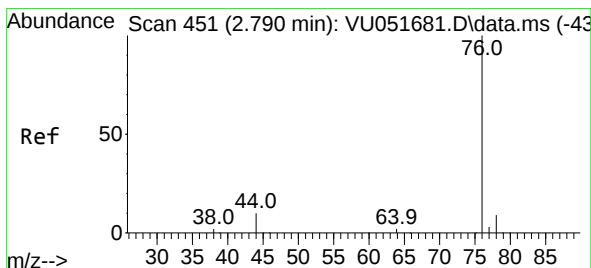
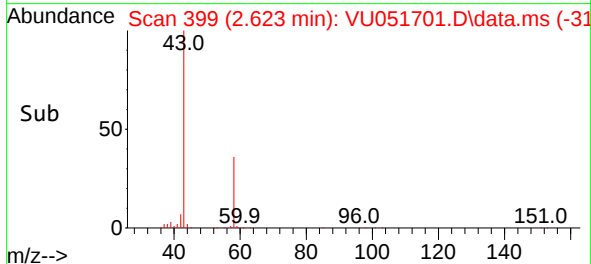
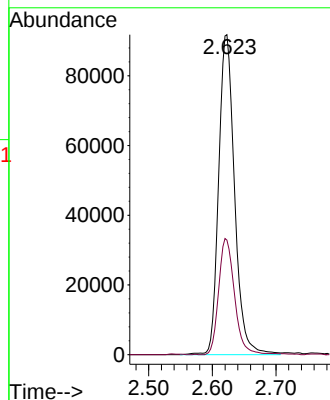
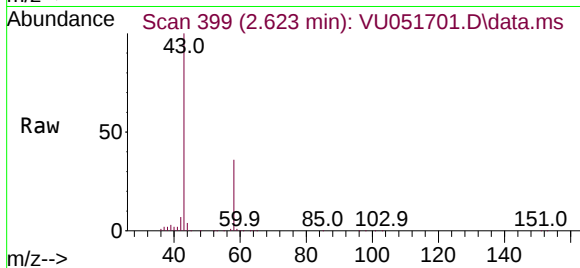
DBWU9MS

Tgt Ion: 43 Resp: 159460

Ion Ratio Lower Upper

43 100

58 36.5 0.0 73.8



#14

Carbon disulfide

Concen: 5.182 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051701.D

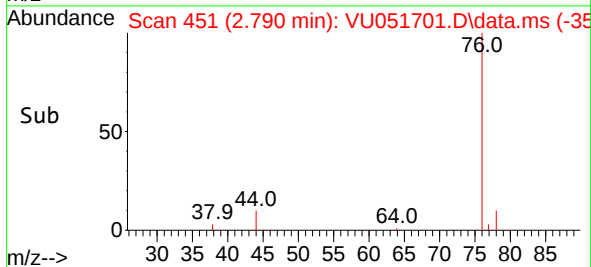
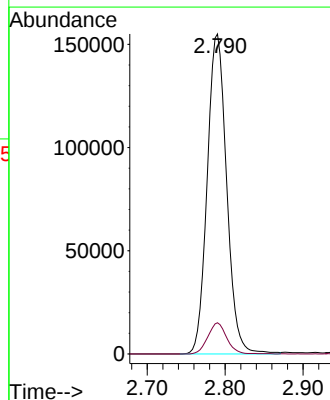
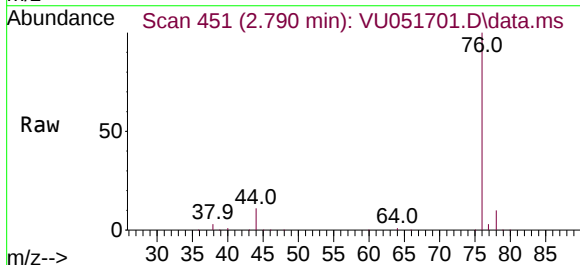
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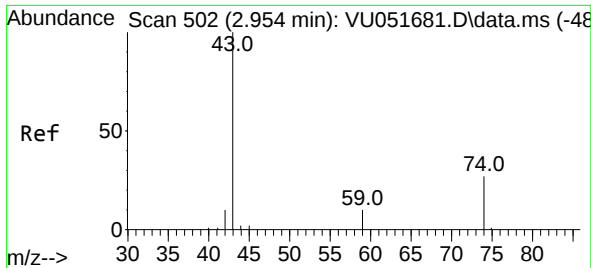
Tgt Ion: 76 Resp: 269200

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2

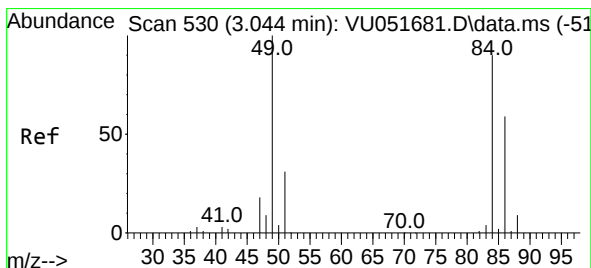
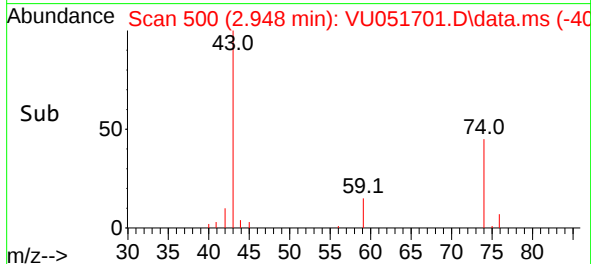
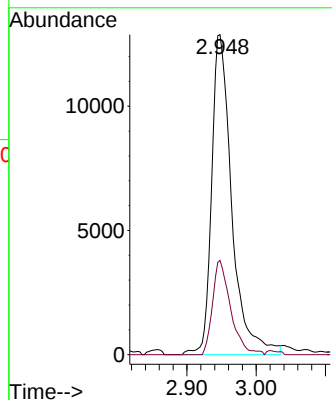
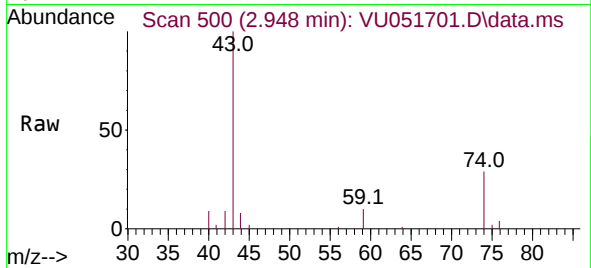




#15
Methyl Acetate
Concen: 3.875 ug/L
RT: 2.948 min Scan# 502
Delta R.T. -0.007 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

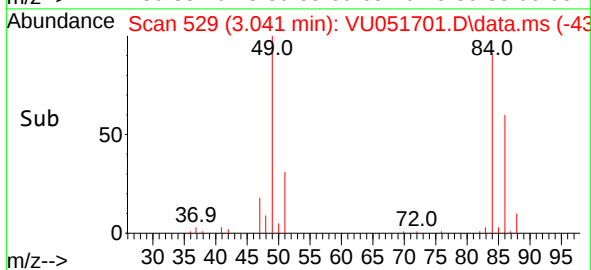
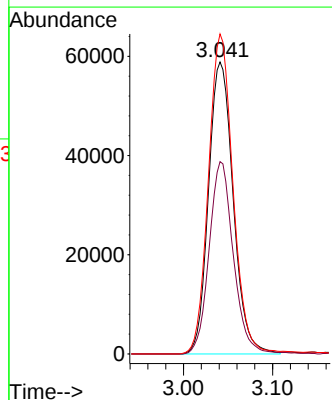
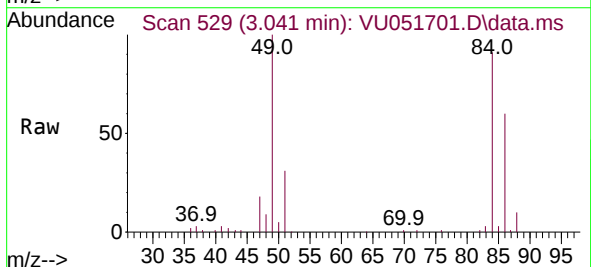
Instrument :
MSVOA_U
ClientSampleId :
DBWU9MS

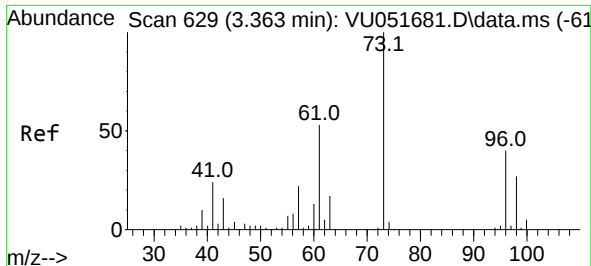
Tgt Ion: 43 Resp: 26027
Ion Ratio Lower Upper
43 100
74 26.3 20.2 30.4



#16
Methylene chloride
Concen: 4.293 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Tgt Ion: 84 Resp: 113300
Ion Ratio Lower Upper
84 100
86 65.9 46.3 85.9
49 109.6 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.813 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

DBWU9MS

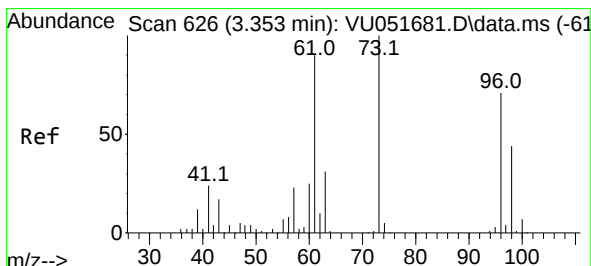
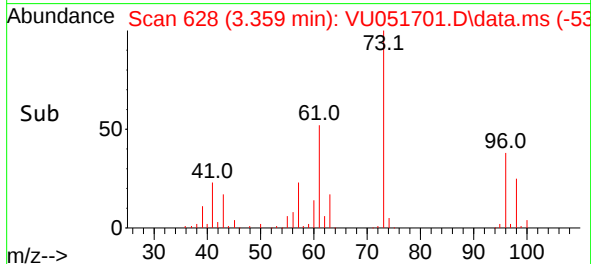
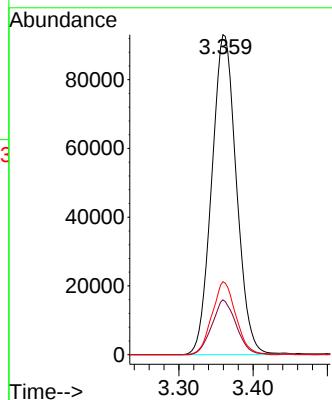
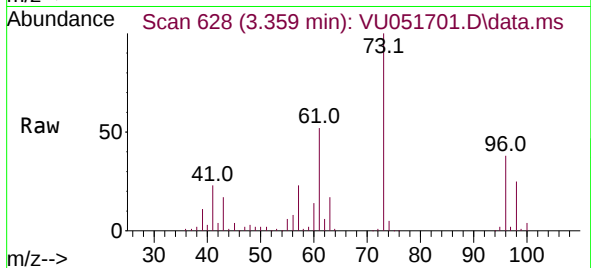
Tgt Ion: 73 Resp: 214798

Ion Ratio Lower Upper

73 100

43 16.9 13.6 20.4

57 22.0 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 5.454 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

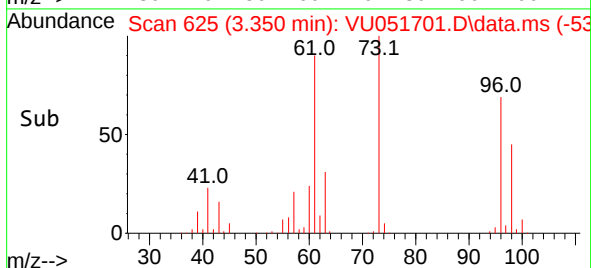
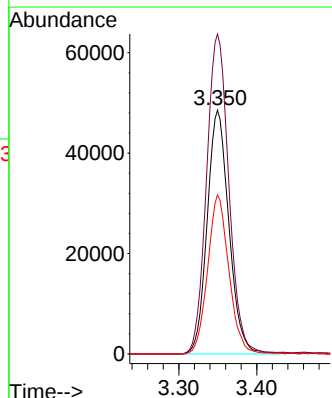
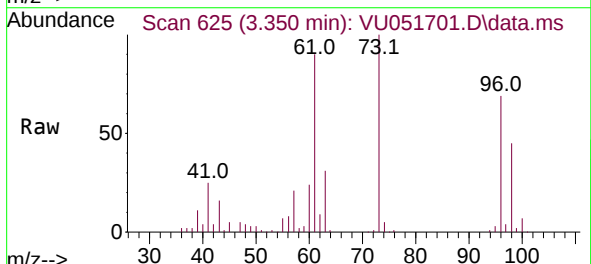
Tgt Ion: 96 Resp: 94330

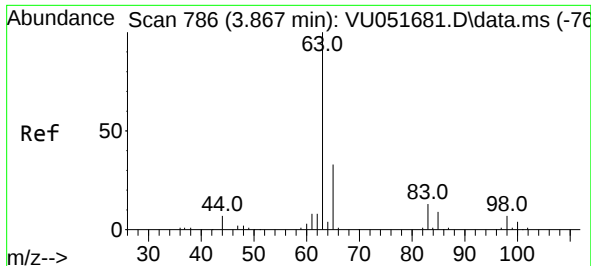
Ion Ratio Lower Upper

96 100

61 131.3 94.7 175.9

98 65.2 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.741 ug/L

RT: 3.864 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

DBWU9MS

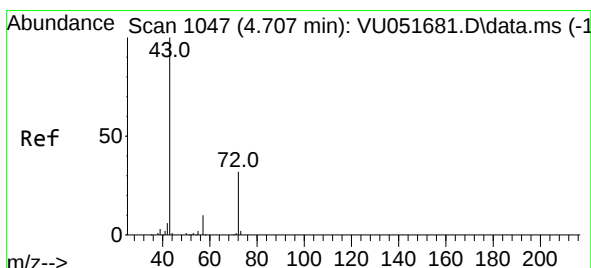
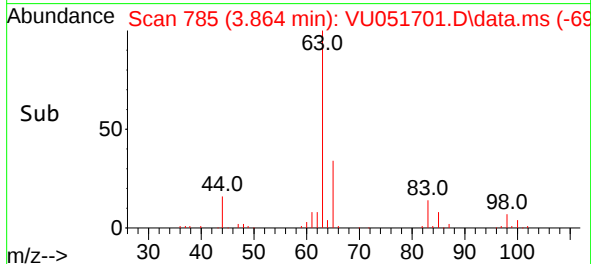
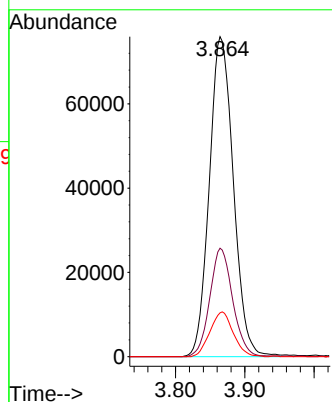
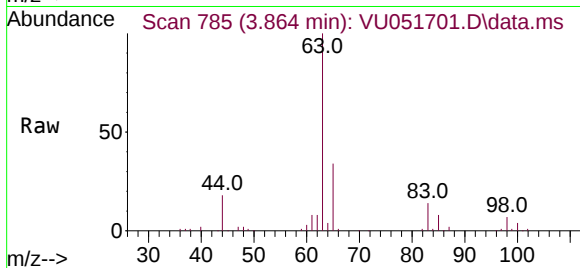
Tgt Ion: 63 Resp: 183120

Ion Ratio Lower Upper

63 100

65 33.9 22.7 42.1

83 13.7 9.2 17.0



#21

2-Butanone

Concen: 64.833 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.010 min

Lab File: VU051701.D

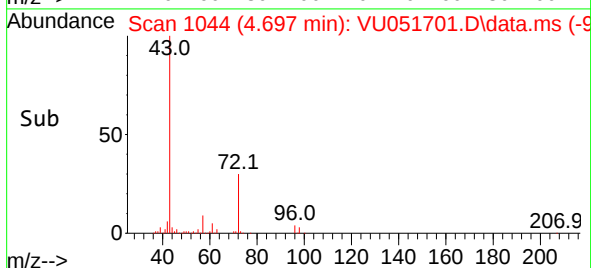
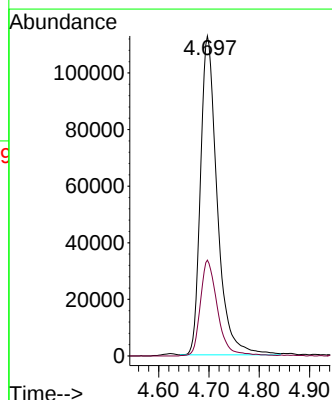
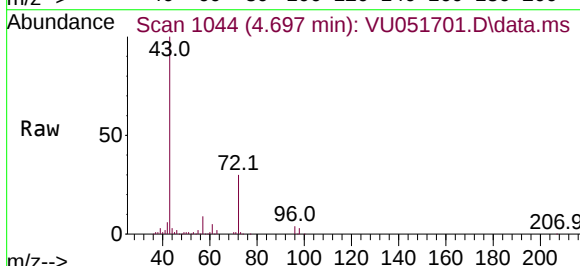
Acq: 02 Nov 2022 19:26

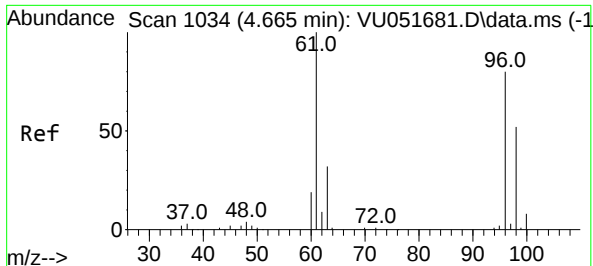
Tgt Ion: 43 Resp: 260453

Ion Ratio Lower Upper

43 100

72 30.8 16.2 48.5

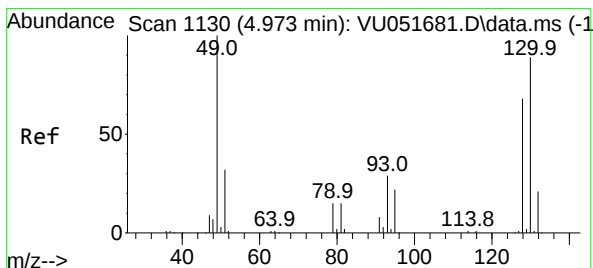
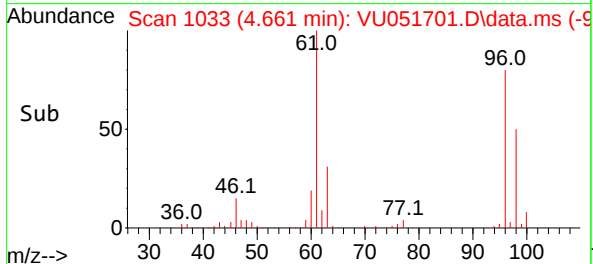
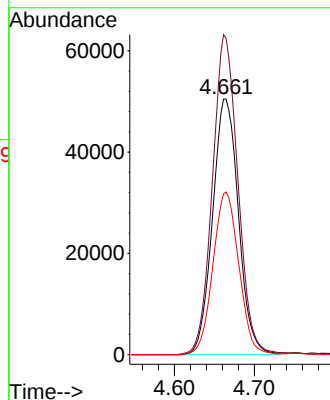
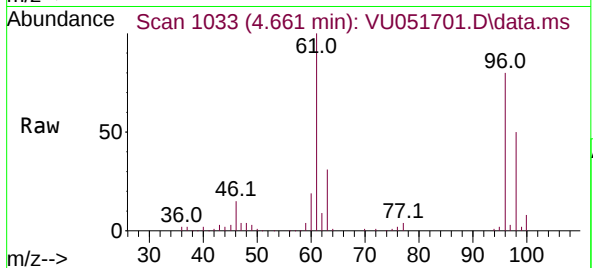




#22
 cis-1,2-Dichloroethene
 Concen: 5.942 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU051701.D
 Acq: 02 Nov 2022 19:26

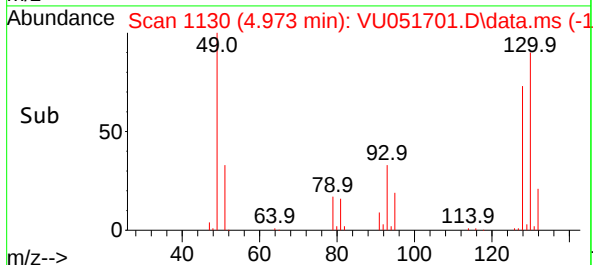
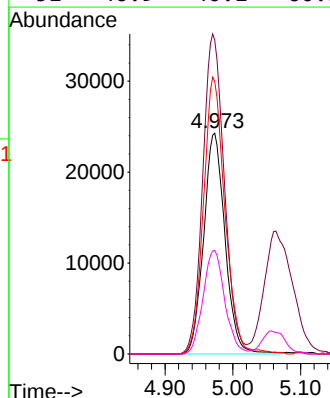
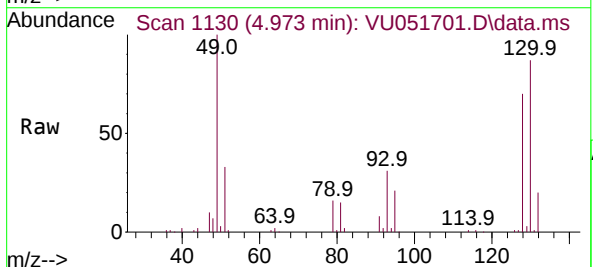
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWU9MS

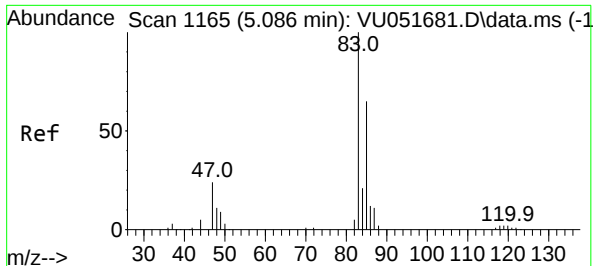
Tgt Ion: 96 Resp: 113699
 Ion Ratio Lower Upper
 96 100
 61 125.2 86.4 160.4
 98 62.8 44.2 82.2



#23
 Bromochloromethane
 Concen: 5.934 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051701.D
 Acq: 02 Nov 2022 19:26

Tgt Ion: 128 Resp: 53097
 Ion Ratio Lower Upper
 128 100
 49 142.2 105.5 195.9
 130 123.4 93.5 173.7
 51 46.9 40.1 60.1





#25

Chloroform

Concen: 5.728 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

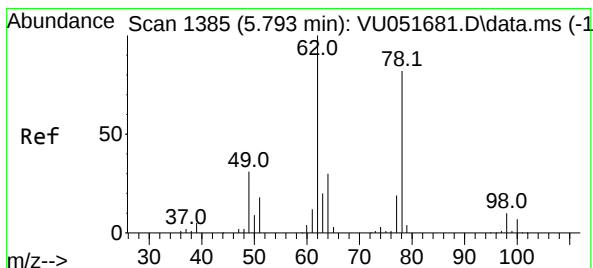
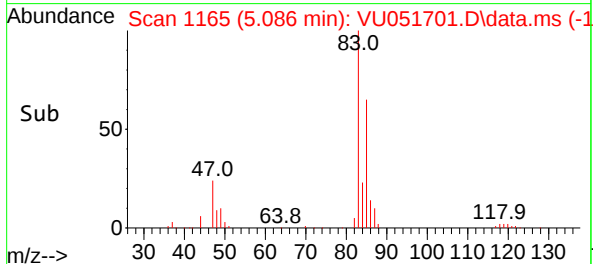
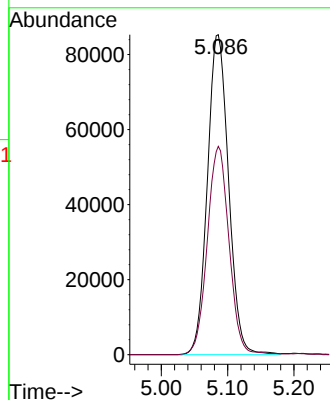
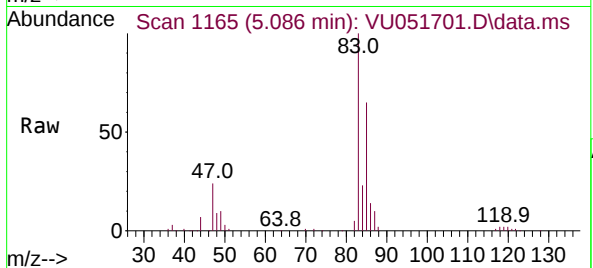
DBWU9MS

Tgt Ion: 83 Resp: 189544

Ion Ratio Lower Upper

83 100

85 65.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.902 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051701.D

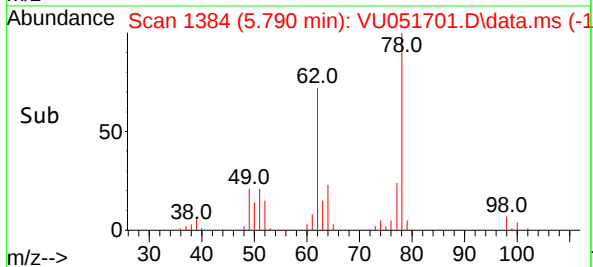
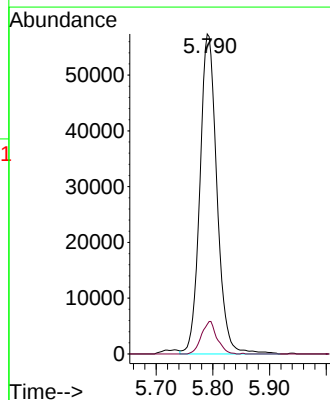
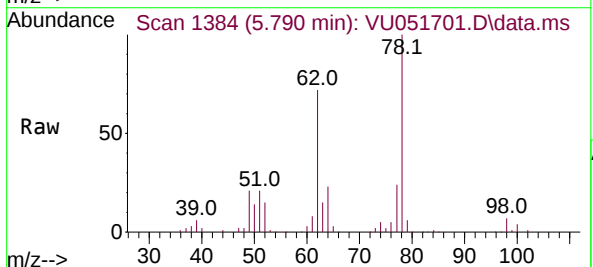
Acq: 02 Nov 2022 19:26

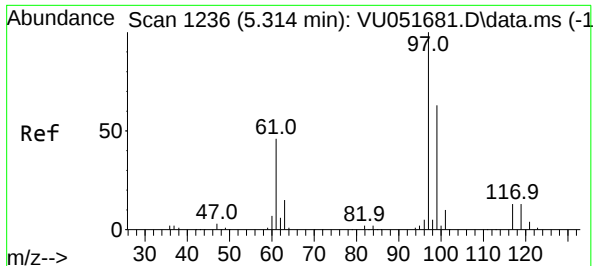
Tgt Ion: 62 Resp: 120194

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.525 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

DBWU9MS

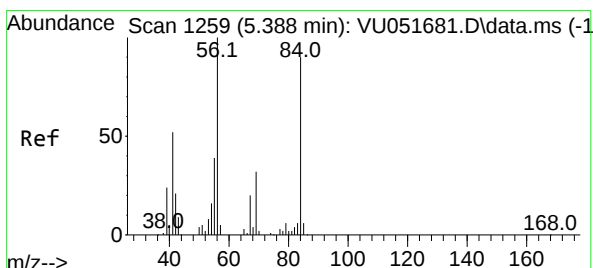
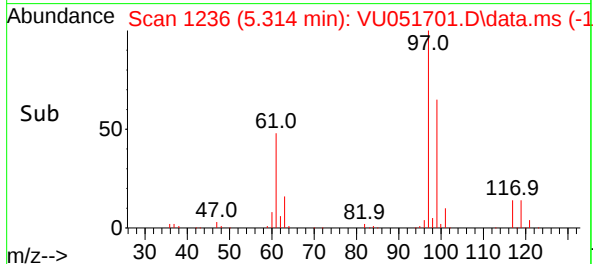
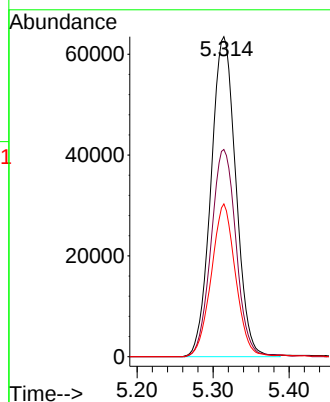
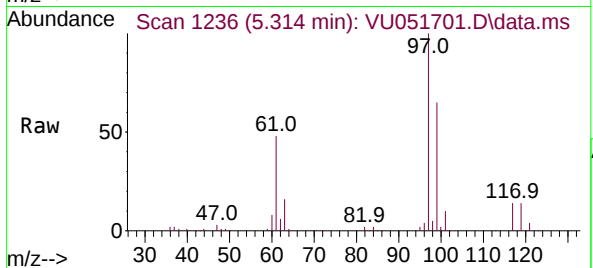
Tgt Ion: 97 Resp: 144321

Ion Ratio Lower Upper

97 100

99 65.2 51.1 76.7

61 46.5 37.4 56.0



#30

Cyclohexane

Concen: 5.043 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

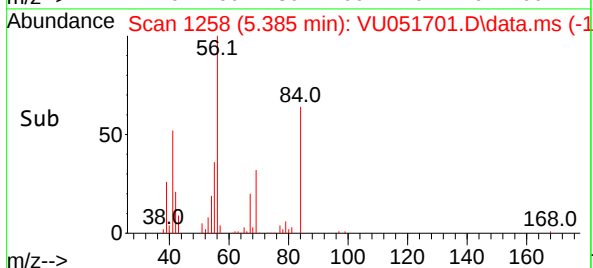
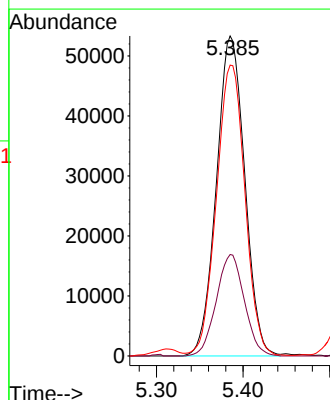
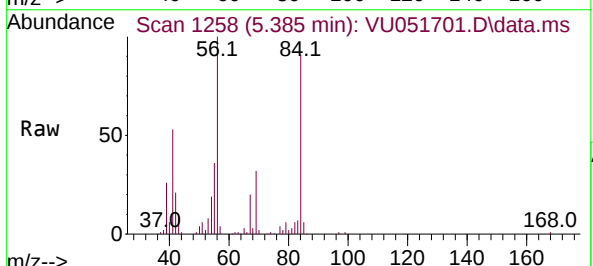
Tgt Ion: 56 Resp: 121292

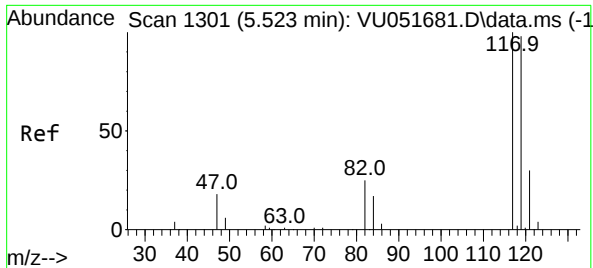
Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.0

84 91.7 71.4 107.0

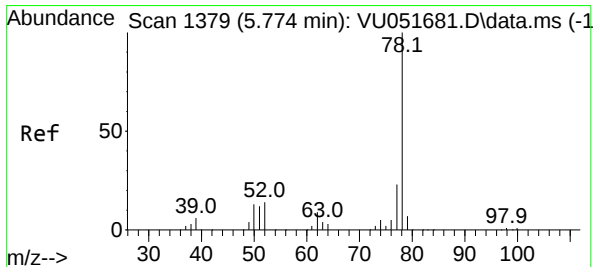
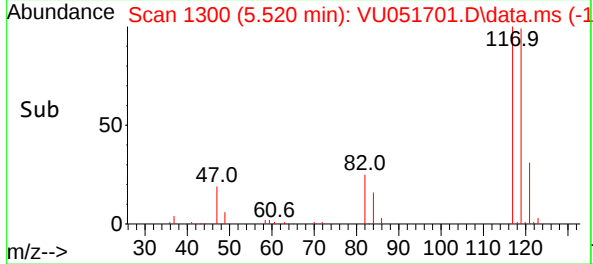
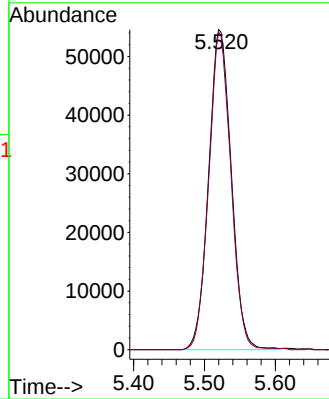
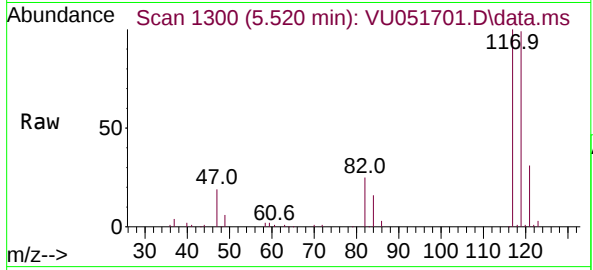




#31
Carbon tetrachloride
Concen: 5.428 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

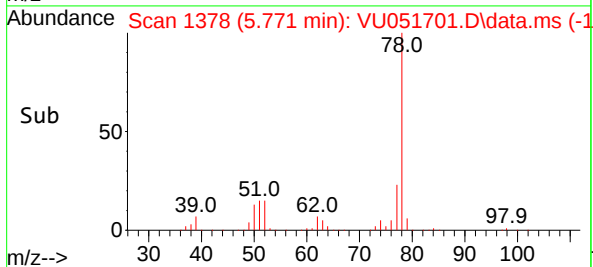
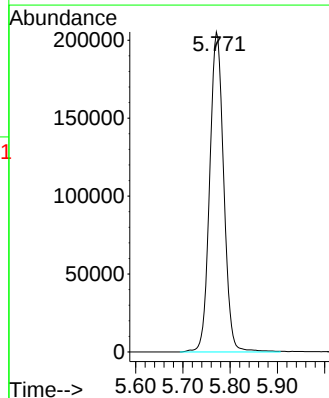
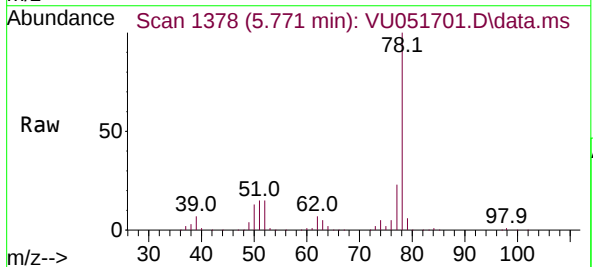
Instrument :
MSVOA_U
ClientSampleId :
DBWU9MS

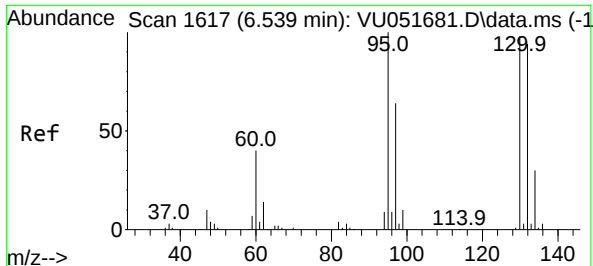
Tgt Ion:117 Resp: 121267
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3



#33
Benzene
Concen: 5.582 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Tgt Ion: 78 Resp: 423834

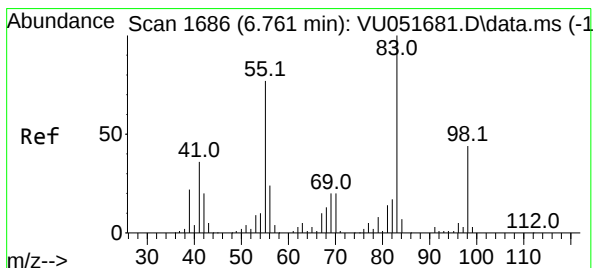
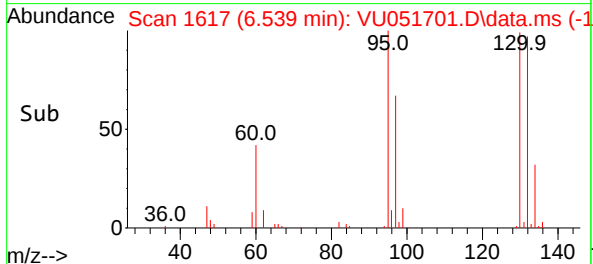
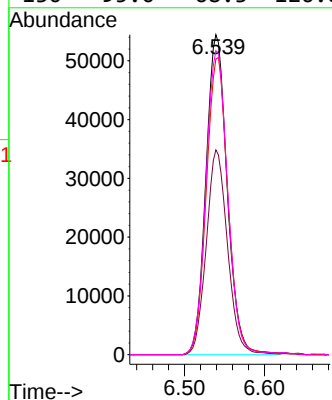
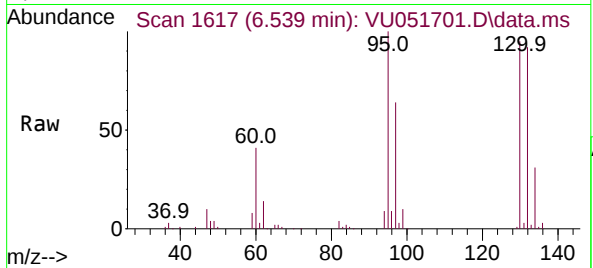




#34
Trichloroethene
Concen: 5.510 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

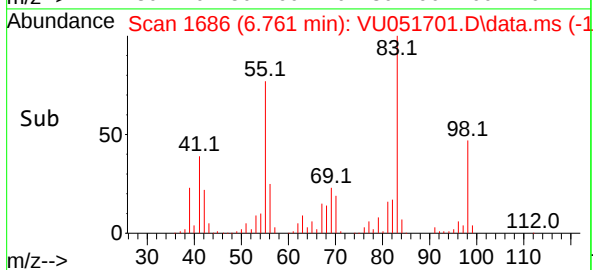
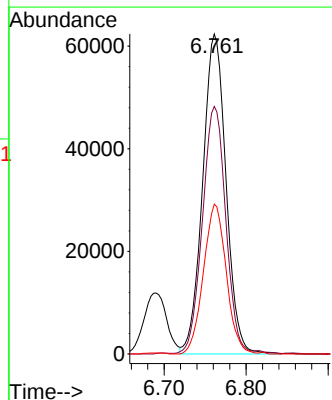
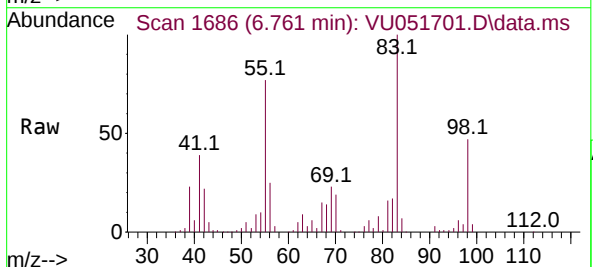
Instrument :
MSVOA_U
ClientSampleId :
DBWU9MS

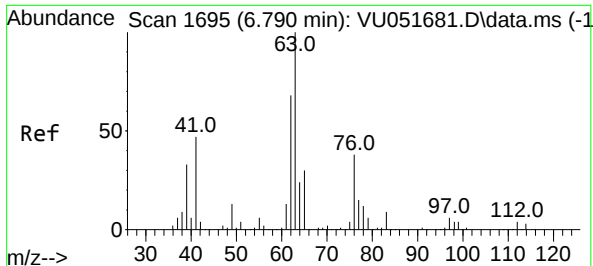
Tgt Ion: 95 Resp: 100957
Ion Ratio Lower Upper
95 100
97 64.0 45.2 84.0
132 92.4 66.5 123.5
130 95.0 68.3 126.8



#35
Methylcyclohexane
Concen: 4.873 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Tgt Ion: 83 Resp: 123440
Ion Ratio Lower Upper
83 100
55 76.7 60.6 90.8
98 45.8 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.812 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

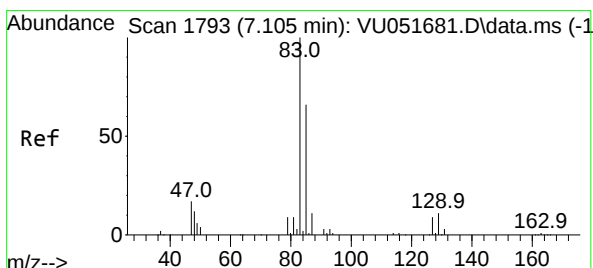
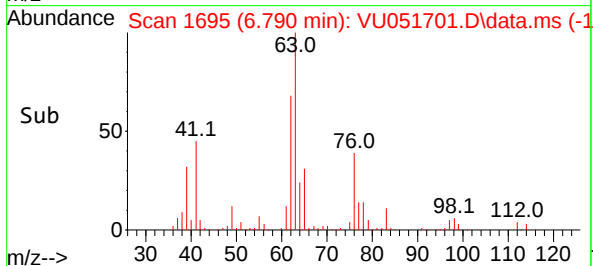
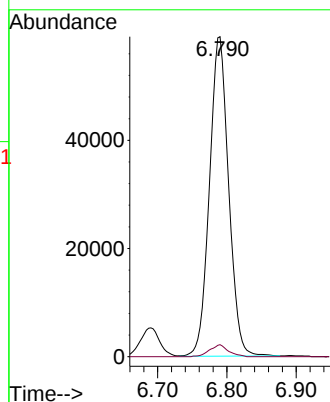
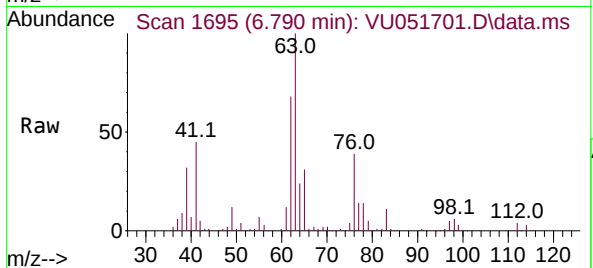
DBWU9MS

Tgt Ion: 63 Resp: 113501

Ion Ratio Lower Upper

63 100

112 3.6 3.3 4.9



#38

Bromodichloromethane

Concen: 5.716 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

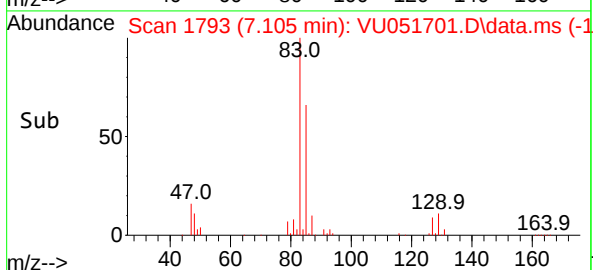
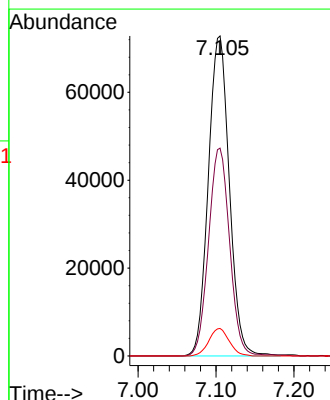
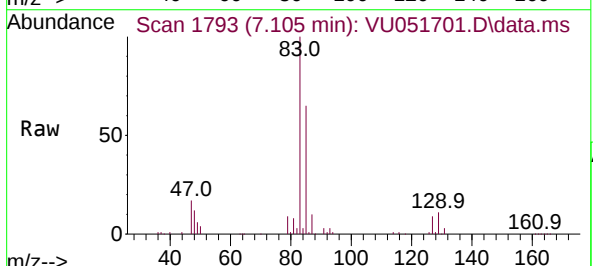
Tgt Ion: 83 Resp: 136350

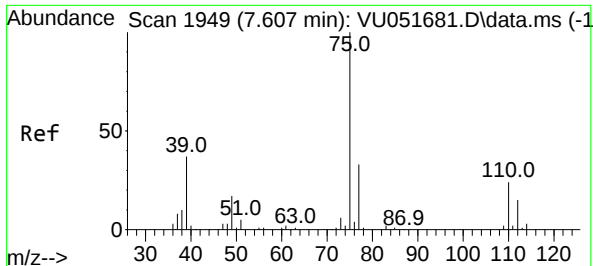
Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.7

127 8.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.975 ug/L

RT: 7.603 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

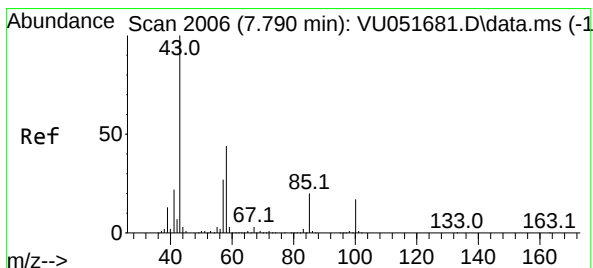
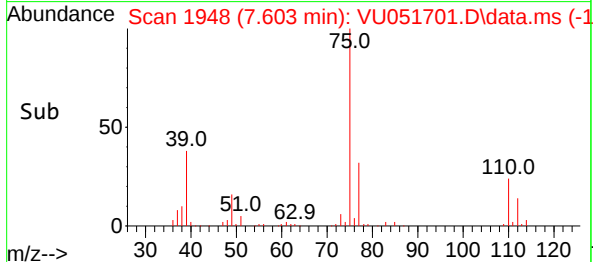
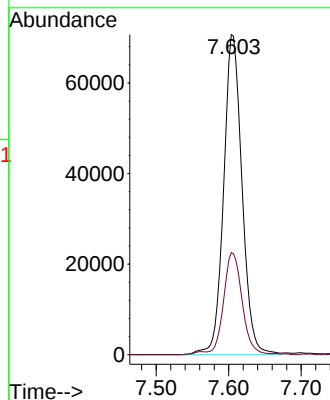
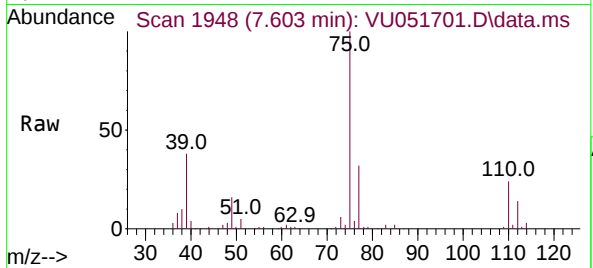
DBWU9MS

Tgt Ion: 75 Resp: 124628

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 64.232 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

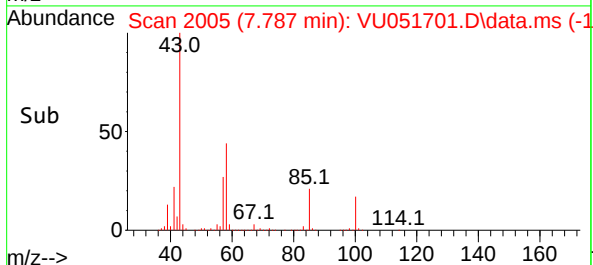
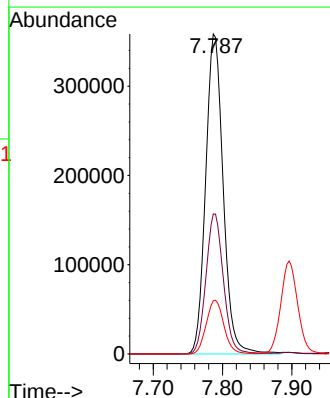
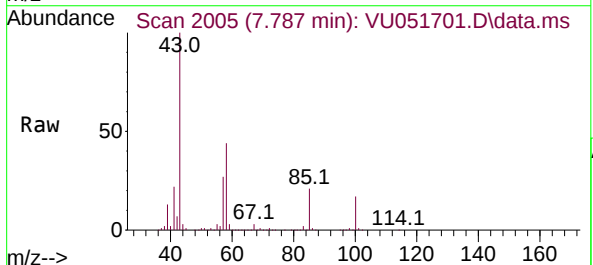
Tgt Ion: 43 Resp: 629137

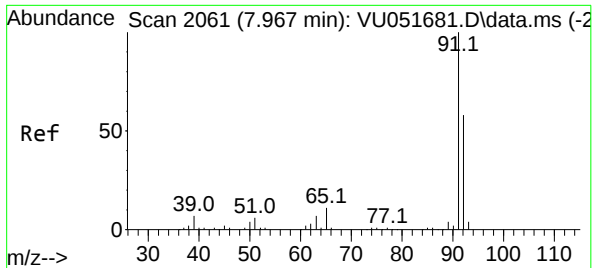
Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6

100 16.9 13.4 20.0





#42

Toluene

Concen: 5.674 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

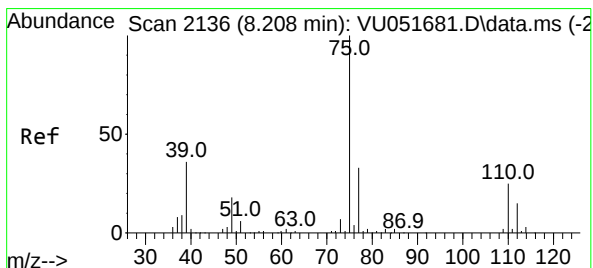
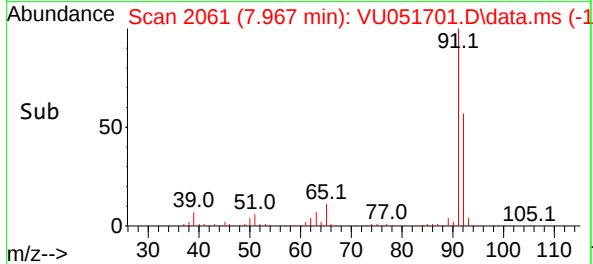
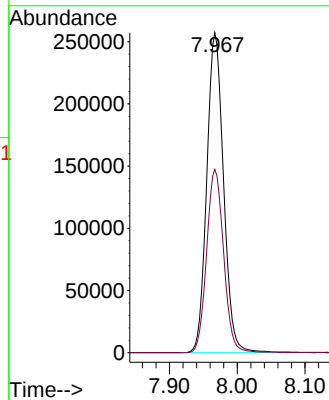
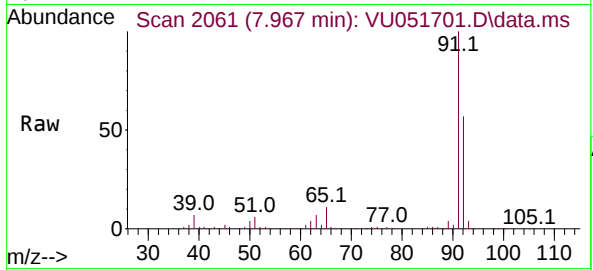
DBWU9MS

Tgt Ion: 91 Resp: 442384

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.238 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051701.D

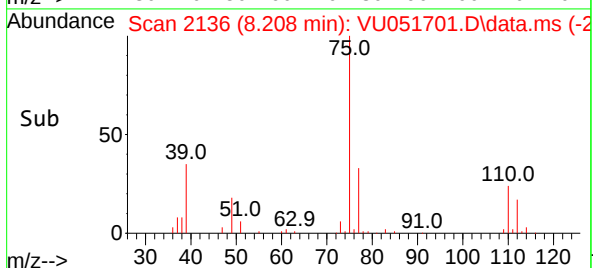
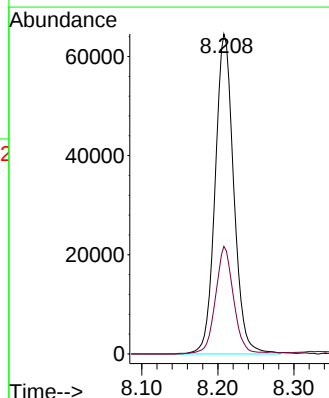
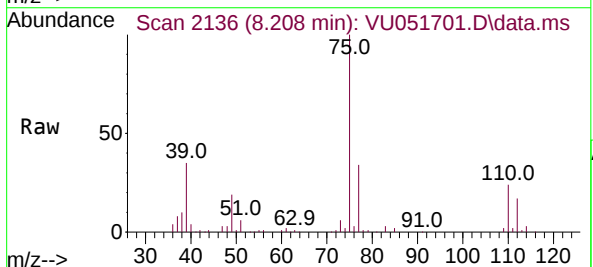
Acq: 02 Nov 2022 19:26

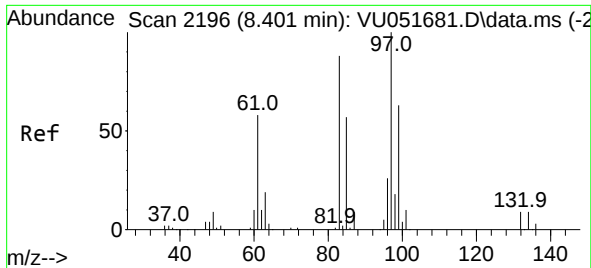
Tgt Ion: 75 Resp: 109673

Ion Ratio Lower Upper

75 100

77 33.6 21.8 40.6



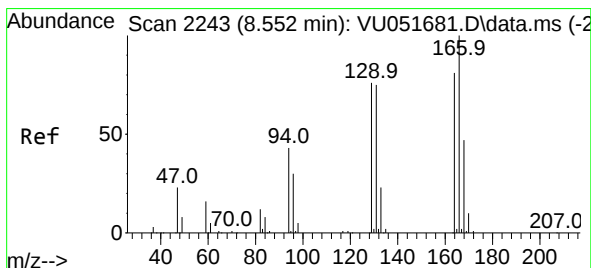
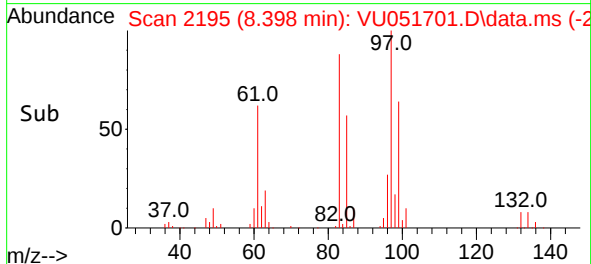
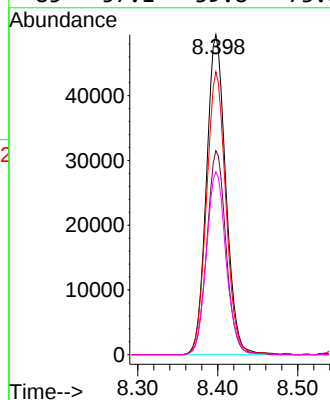
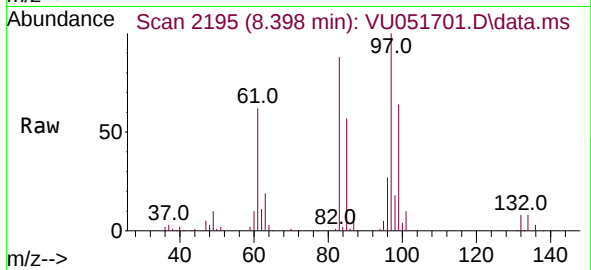


#45
1,1,2-Trichloroethane
Concen: 5.820 ug/L
RT: 8.398 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Instrument :
MSVOA_U
ClientSampleId :
DBWU9MS

Tgt Ion: 97 Resp: 83283

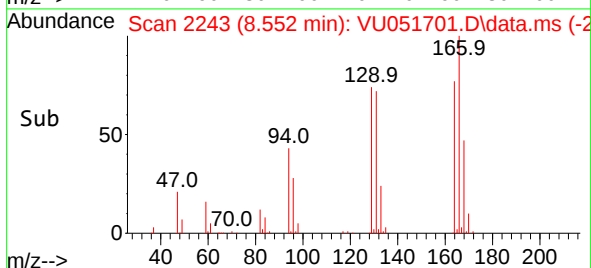
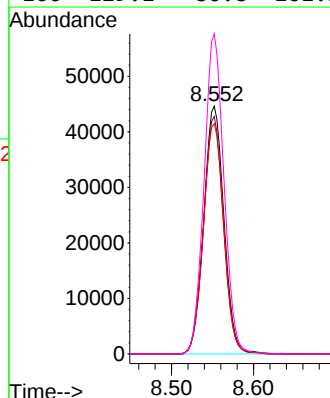
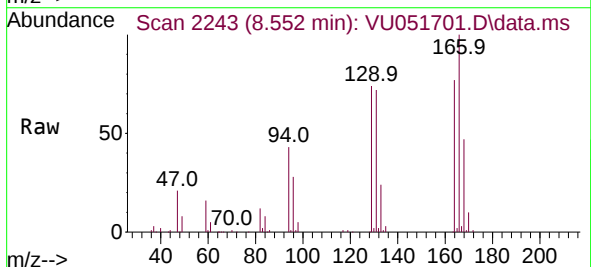
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.4	80.6
83	88.4	61.3	113.9
85	57.1	39.8	73.8

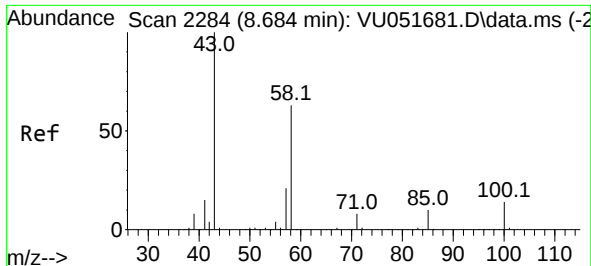


#47
Tetrachloroethene
Concen: 5.452 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Tgt Ion: 164 Resp: 76506

Ion	Ratio	Lower	Upper
164	100		
129	95.8	64.0	118.8
131	92.9	60.7	112.7
166	129.1	86.8	161.2



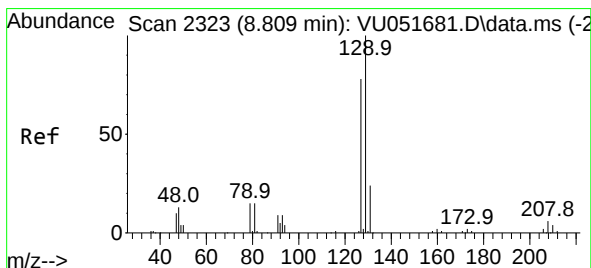
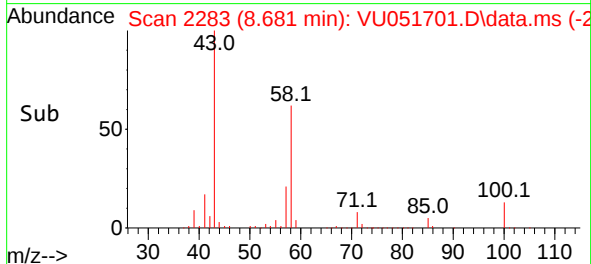
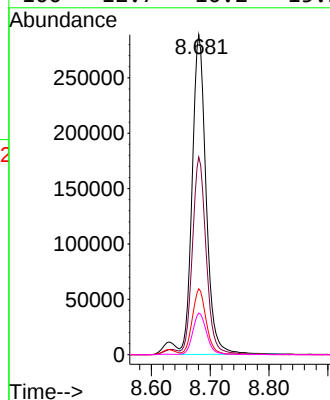
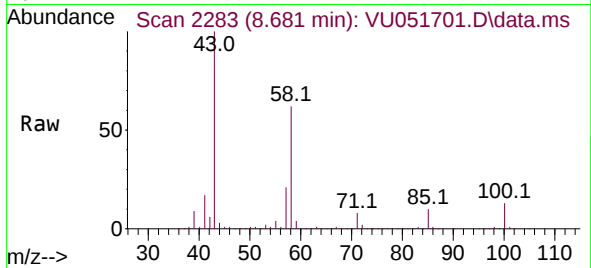


#48
2-Hexanone
Concen: 65.243 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Instrument :
MSVOA_U
ClientSampleId :
DBWU9MS

Tgt Ion: 43 Resp: 473020

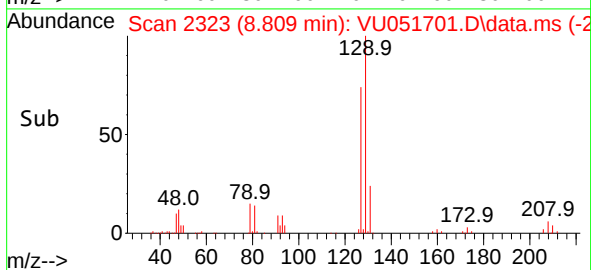
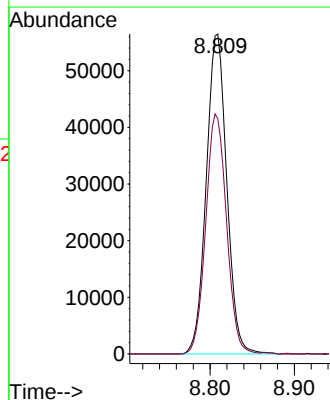
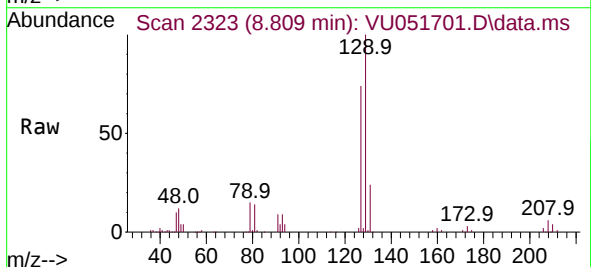
Ion	Ratio	Lower	Upper
43	100		
58	60.7	48.2	72.2
57	20.6	16.6	25.0
100	12.7	10.2	15.2

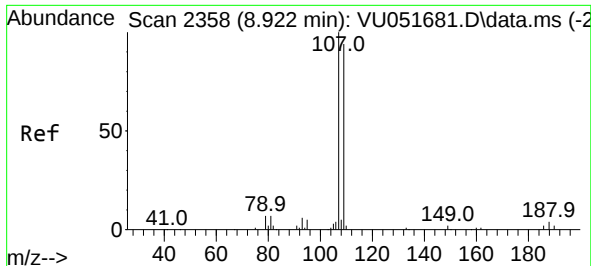


#49
Dibromochloromethane
Concen: 5.847 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Tgt Ion: 129 Resp: 95589

Ion	Ratio	Lower	Upper
129	100		
127	73.5	54.8	101.8





#50

1,2-Dibromoethane

Concen: 5.907 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

DBWU9MS

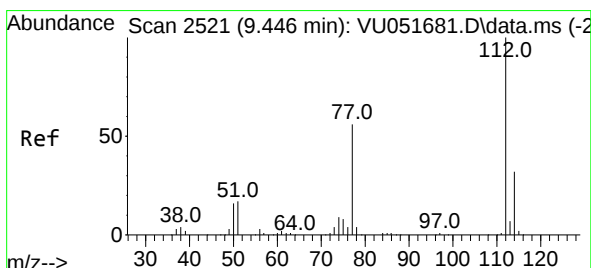
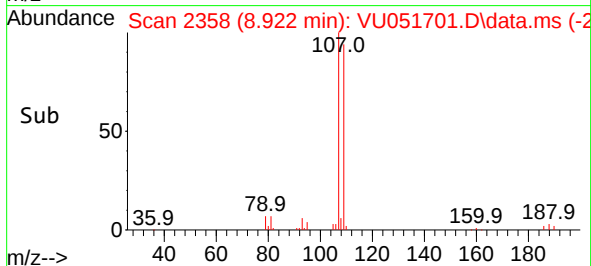
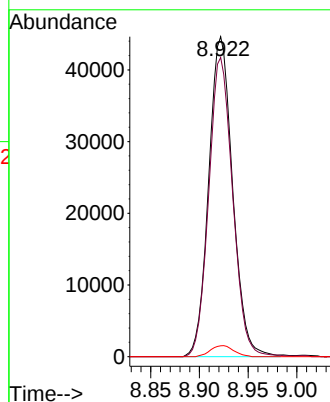
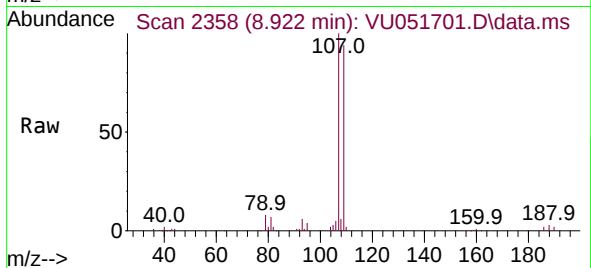
Tgt Ion:107 Resp: 76256

Ion Ratio Lower Upper

107 100

109 93.5 63.0 117.0

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 5.604 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

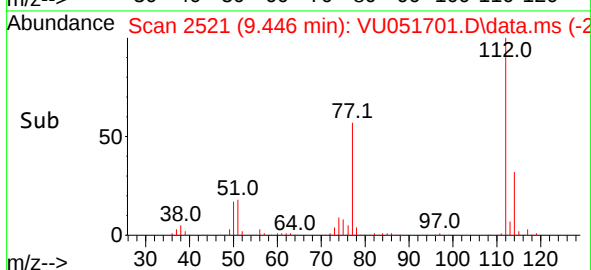
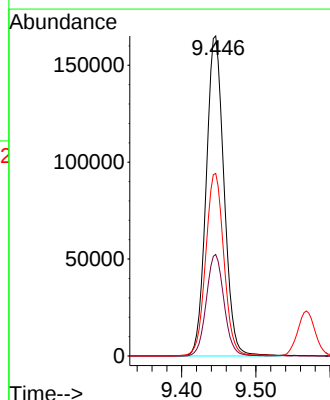
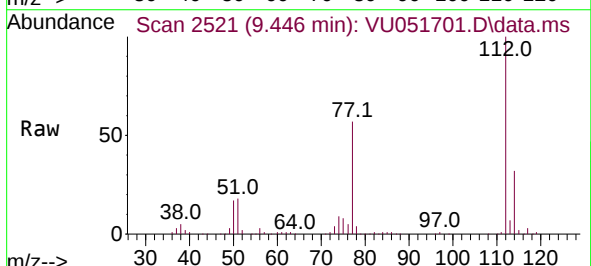
Tgt Ion:112 Resp: 275023

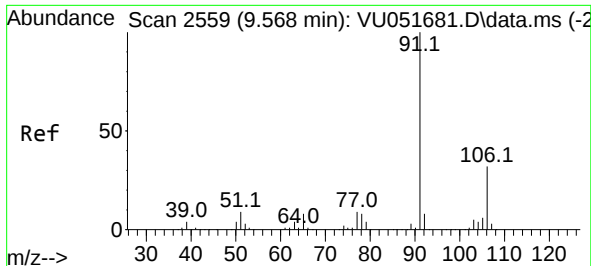
Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 57.1 46.7 70.1

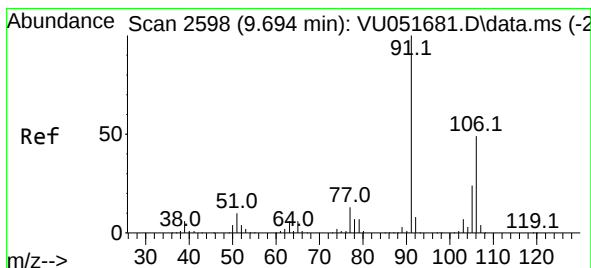
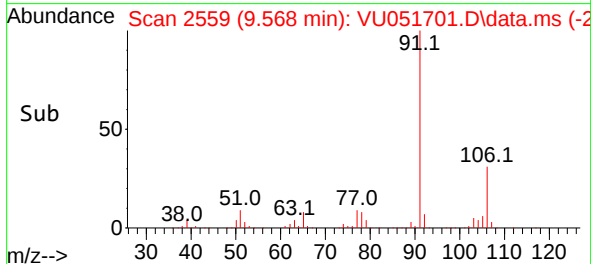
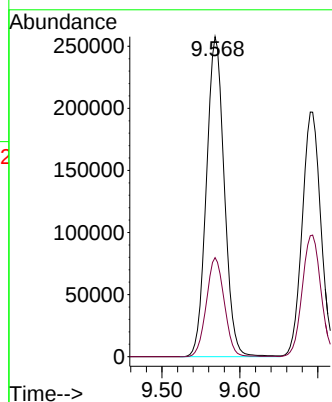
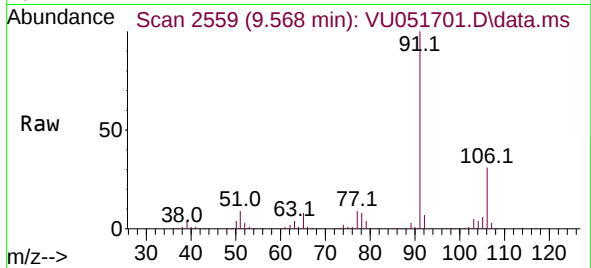




#52
Ethylbenzene
Concen: 5.460 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

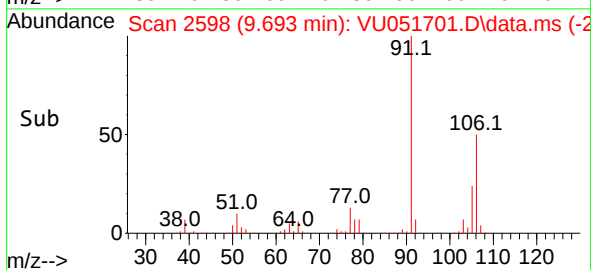
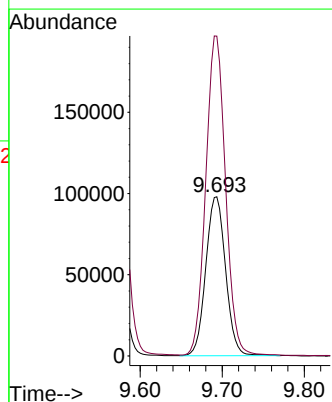
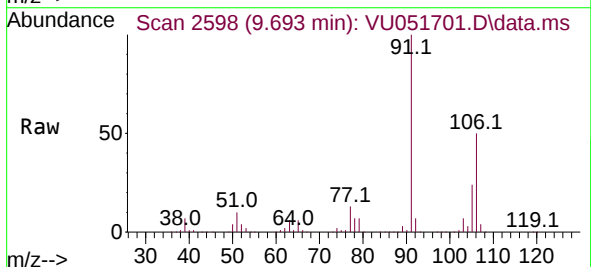
Instrument :
MSVOA_U
ClientSampleId :
DBWU9MS

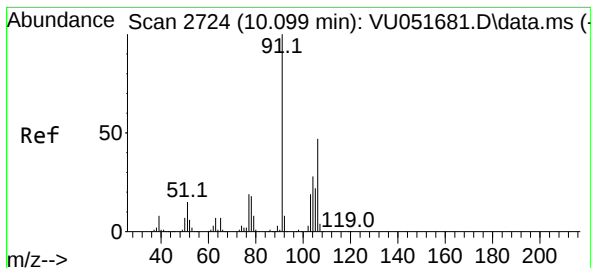
Tgt Ion: 91 Resp: 410794
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.6



#53
m,p-Xylene
Concen: 5.607 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Tgt Ion: 106 Resp: 163853
Ion Ratio Lower Upper
106 100
91 201.0 139.4 259.0





#54

o-Xylene

Concen: 5.741 ug/L

RT: 10.099 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

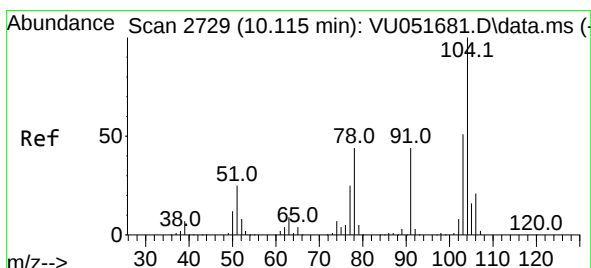
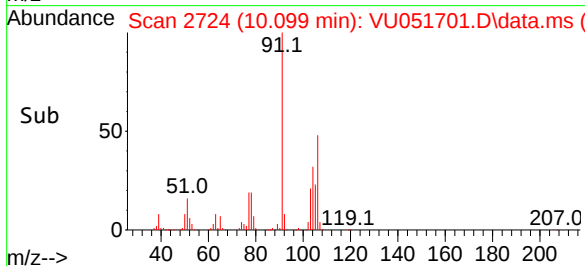
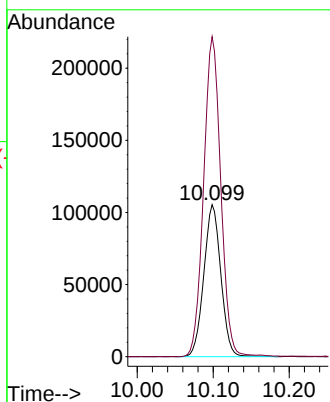
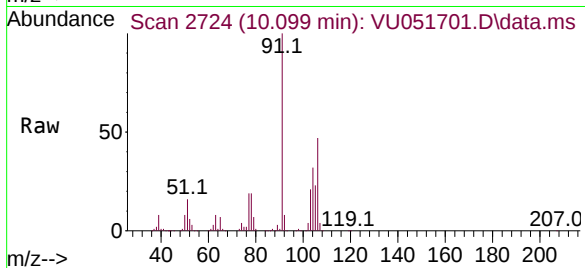
DBWU9MS

Tgt Ion:106 Resp: 163968

Ion Ratio Lower Upper

106 100

91 210.6 149.2 277.2



#55

Styrene

Concen: 5.780 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.003 min

Lab File: VU051701.D

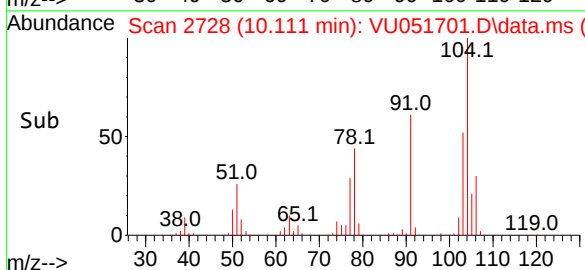
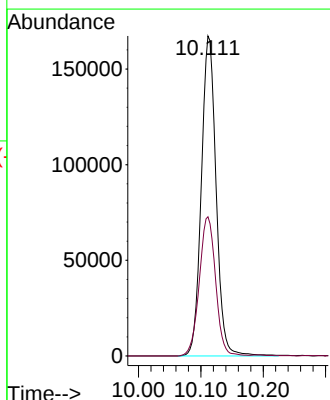
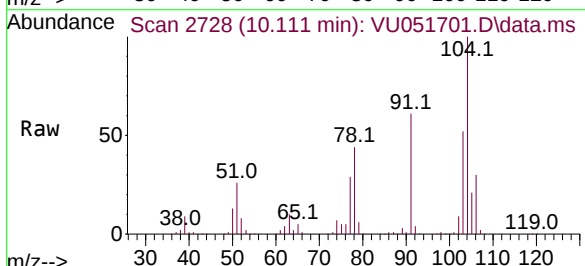
Acq: 02 Nov 2022 19:26

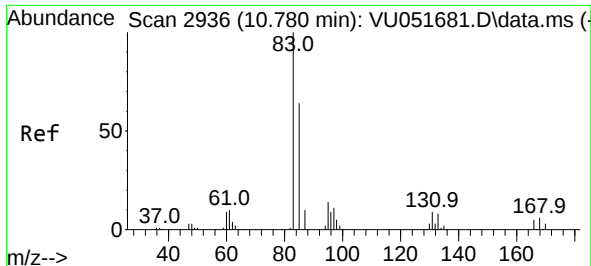
Tgt Ion:104 Resp: 275991

Ion Ratio Lower Upper

104 100

78 43.5 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 6.183 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

DBWU9MS

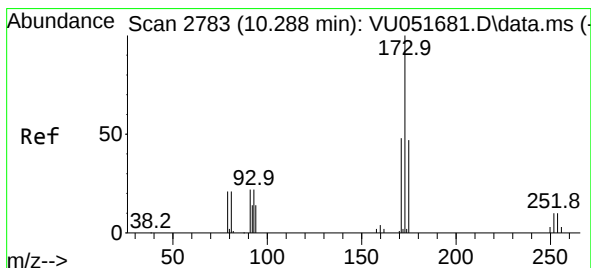
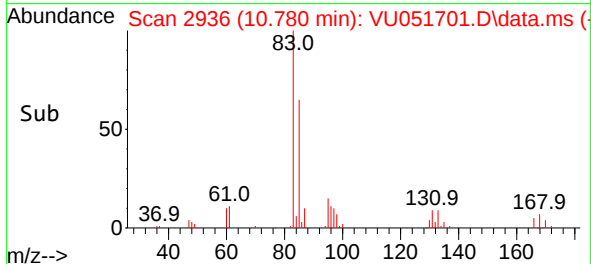
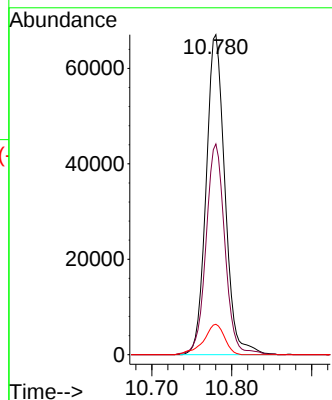
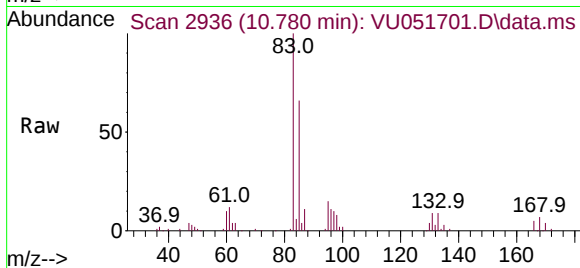
Tgt Ion: 83 Resp: 109710

Ion Ratio Lower Upper

83 100

85 65.9 44.9 83.5

131 9.5 7.8 11.8



#59

Bromoform

Concen: 5.598 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

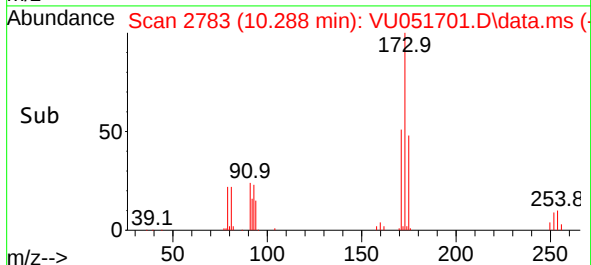
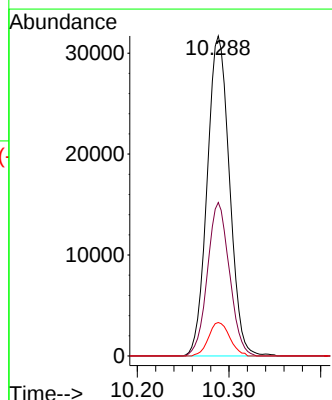
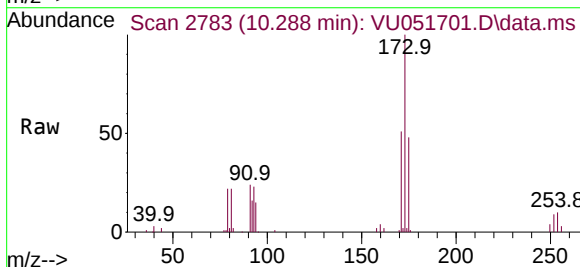
Tgt Ion:173 Resp: 53584

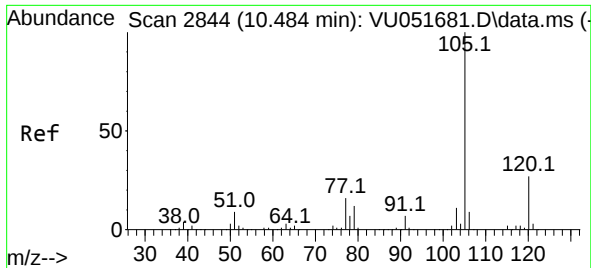
Ion Ratio Lower Upper

173 100

175 47.3 38.7 58.1

254 9.9 7.3 10.9

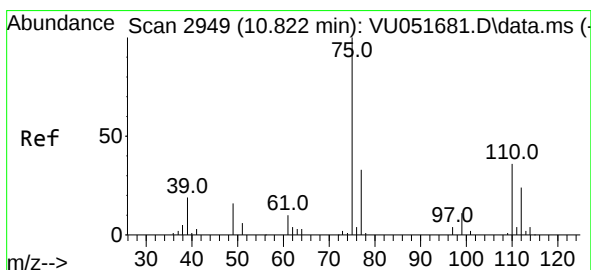
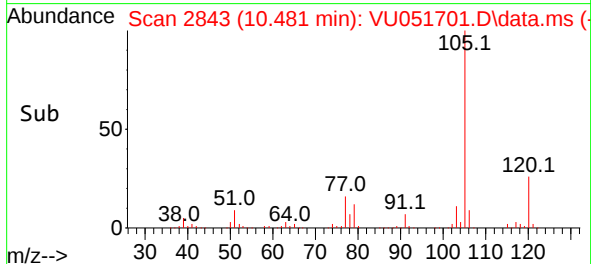
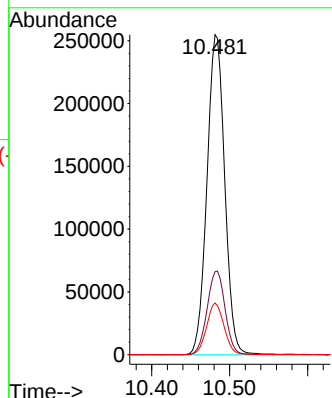
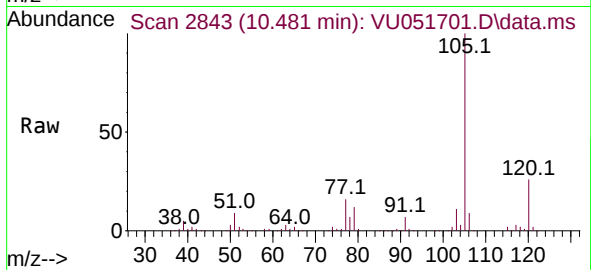




#60
Isopropylbenzene
Concen: 5.323 ug/L
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

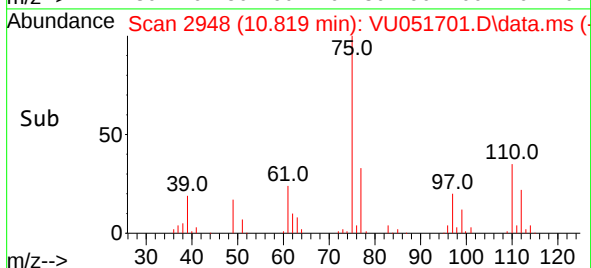
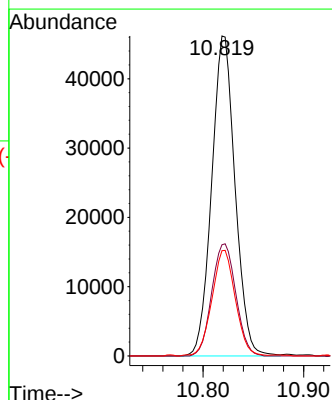
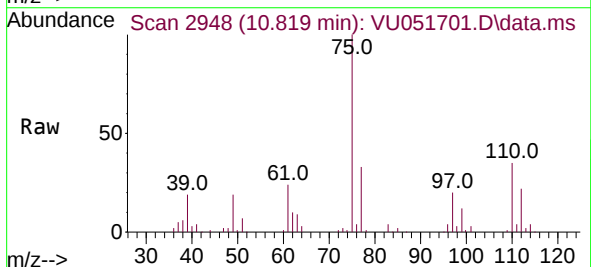
Instrument :
MSVOA_U
ClientSampleId :
DBWU9MS

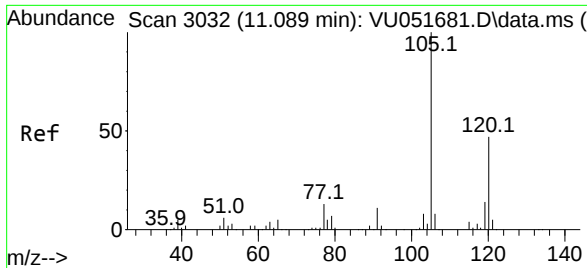
Tgt Ion:105 Resp: 402560
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 15.9 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.564 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Tgt Ion: 75 Resp: 74538
Ion Ratio Lower Upper
75 100
110 36.0 28.7 43.1
77 33.1 26.1 39.1

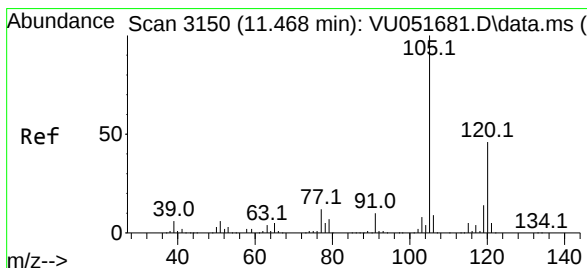
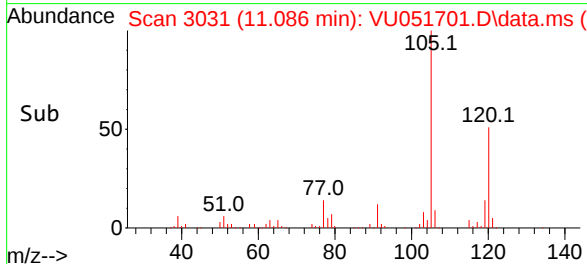
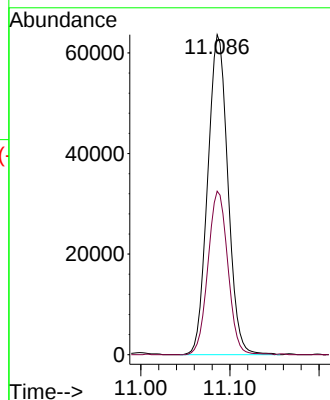
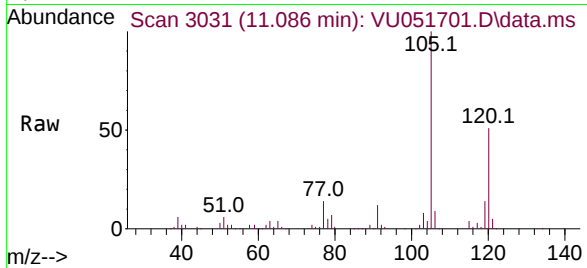




#62
 1,3,5-Trimethylbenzene
 Concen: 4.907 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU051701.D
 Acq: 02 Nov 2022 19:26

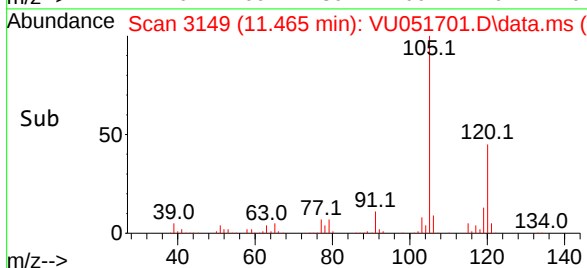
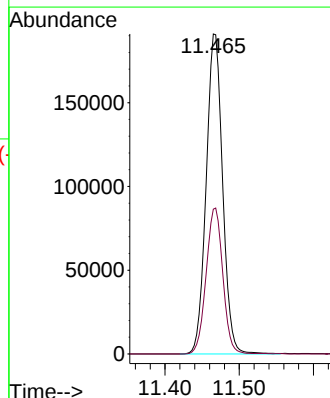
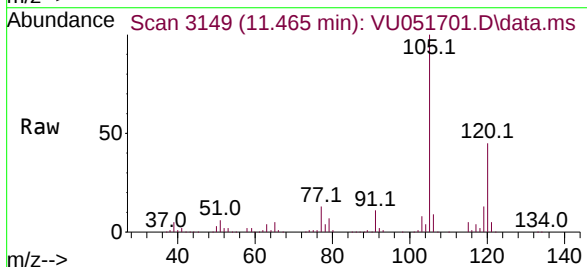
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWU9MS

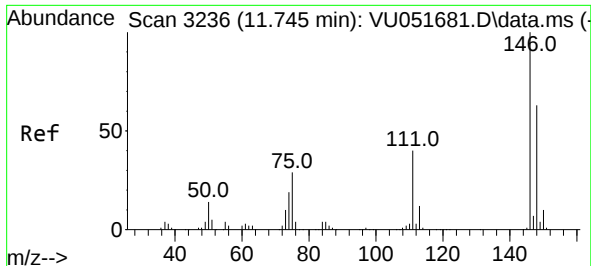
Tgt Ion:105 Resp: 99918
 Ion Ratio Lower Upper
 105 100
 120 50.2 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.998 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051701.D
 Acq: 02 Nov 2022 19:26

Tgt Ion:105 Resp: 293453
 Ion Ratio Lower Upper
 105 100
 120 46.2 35.8 53.6

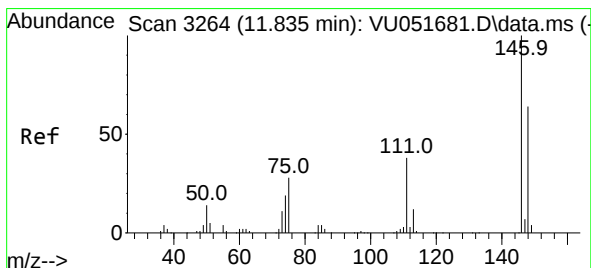
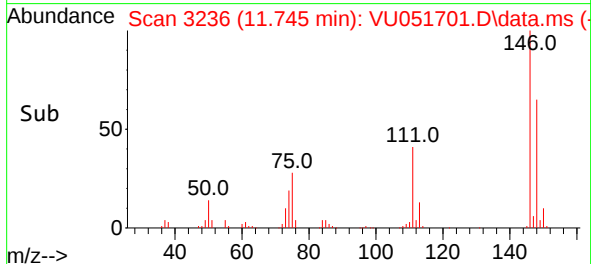
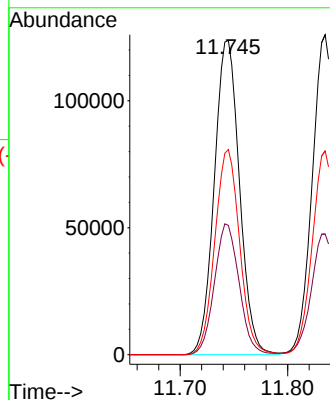
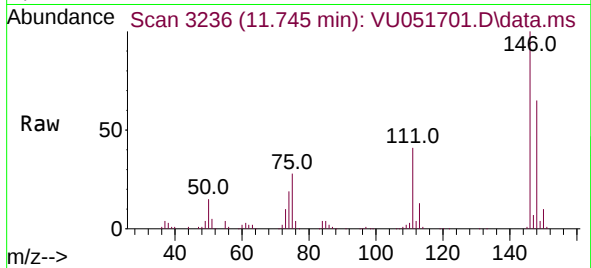




#64
1,3-Dichlorobenzene
Concen: 5.359 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

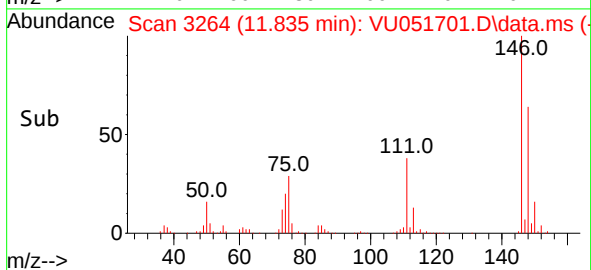
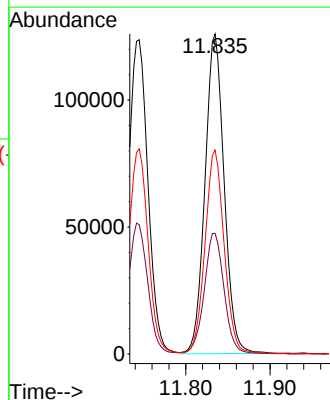
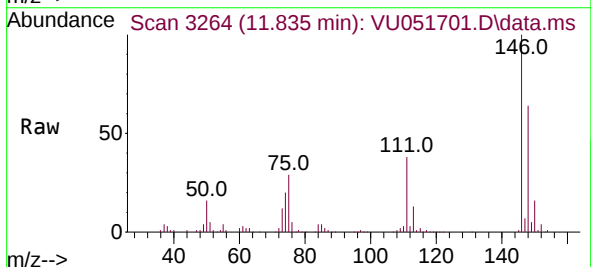
Instrument :
MSVOA_U
ClientSampleId :
DBWU9MS

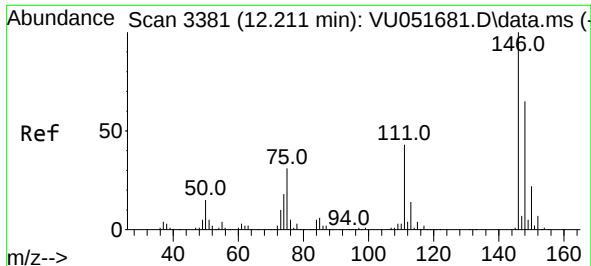
Tgt Ion:146 Resp: 201789
Ion Ratio Lower Upper
146 100
111 41.2 28.6 53.2
148 65.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.288 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Tgt Ion:146 Resp: 199617
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.5
148 63.7 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.456 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

DBWU9MS

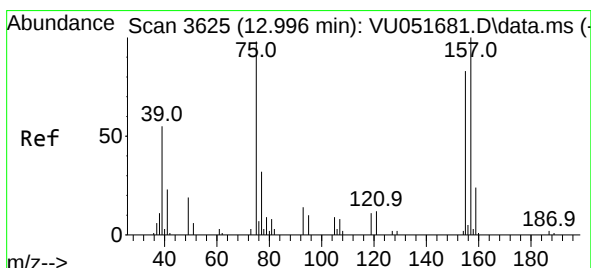
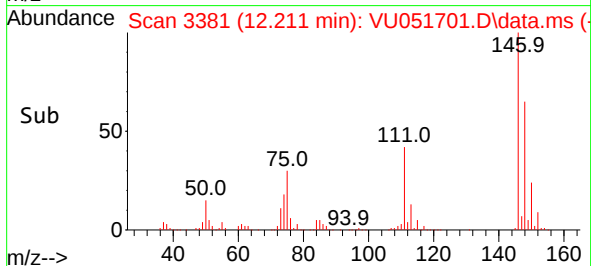
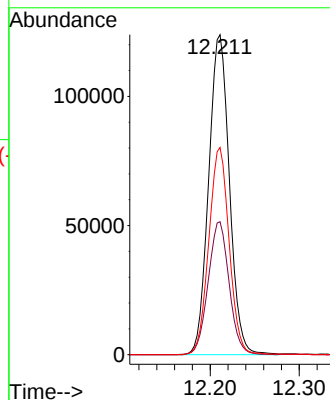
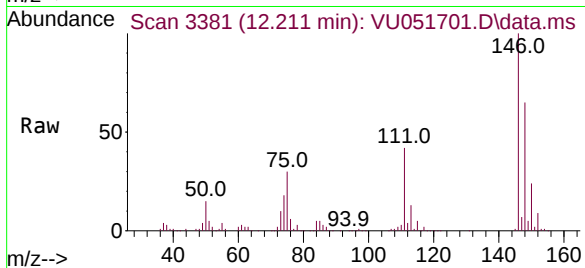
Tgt Ion:146 Resp: 200111

Ion Ratio Lower Upper

146 100

111 41.5 34.2 51.2

148 64.8 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.668 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU051701.D

Acq: 02 Nov 2022 19:26

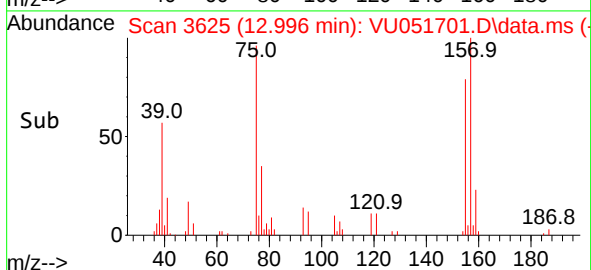
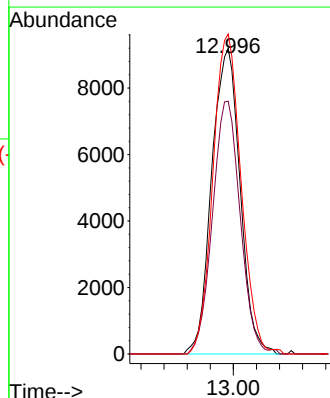
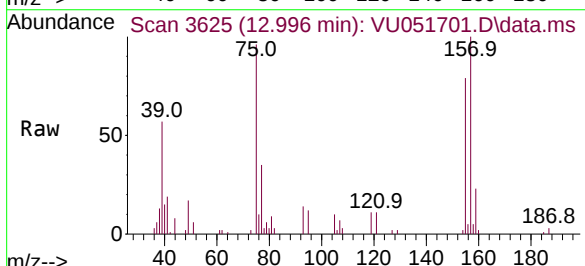
Tgt Ion: 75 Resp: 15636

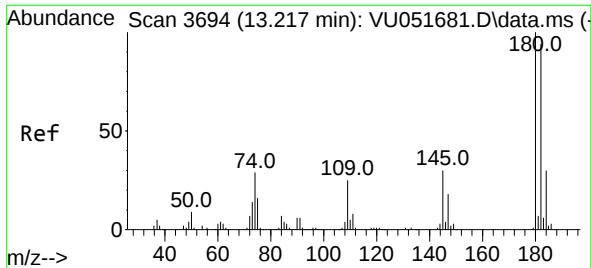
Ion Ratio Lower Upper

75 100

155 82.7 61.4 92.2

157 104.7 86.7 130.1

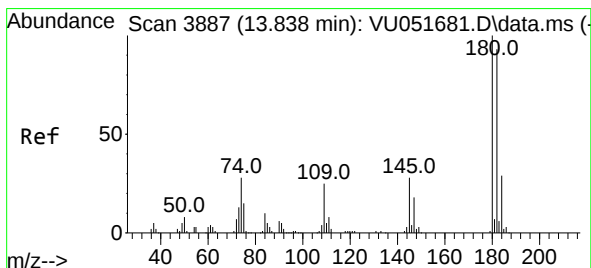
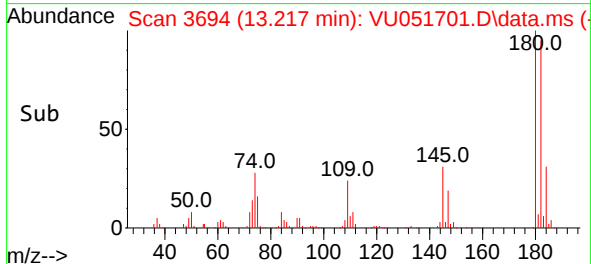
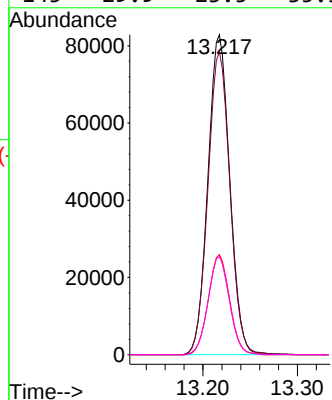
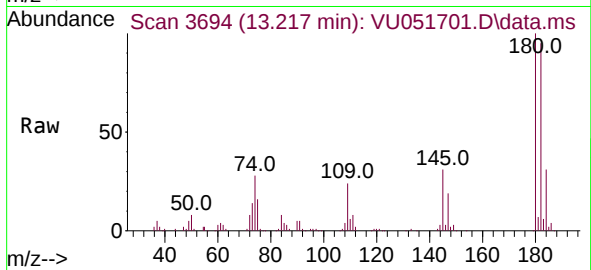




#69
1,3,5-Trichlorobenzene
Concen: 4.959 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

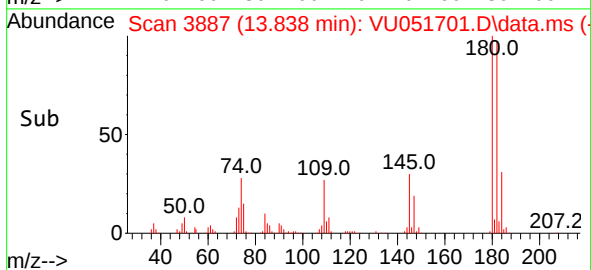
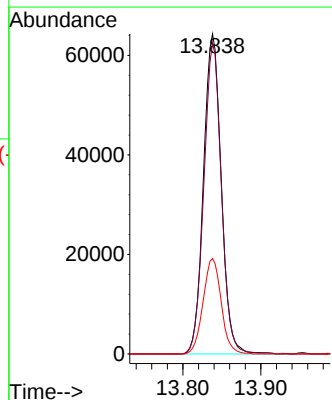
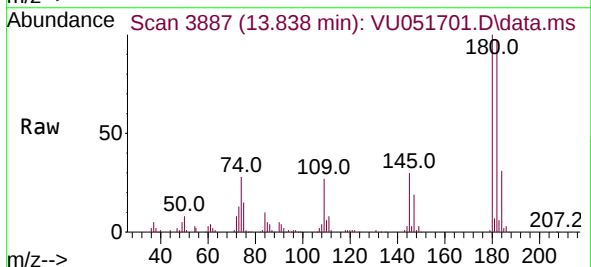
Instrument :
MSVOA_U
ClientSampleId :
DBWU9MS

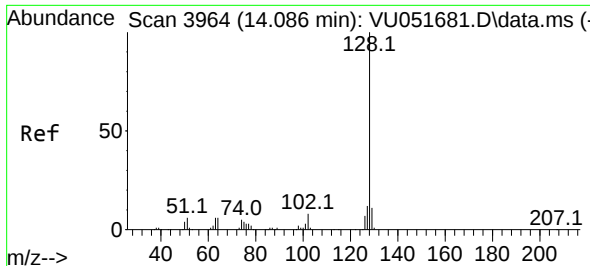
Tgt Ion:180	Resp:	133100	
Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.0	115.6
184	30.6	23.7	35.5
145	29.9	23.5	35.3



#70
1,2,4-trichlorobenzene
Concen: 4.934 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Tgt Ion:180	Resp:	101664	
Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.8	116.6
145	30.4	25.0	37.6

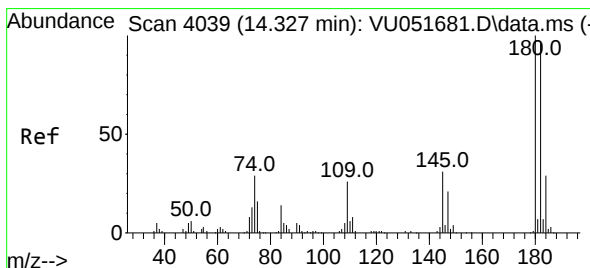
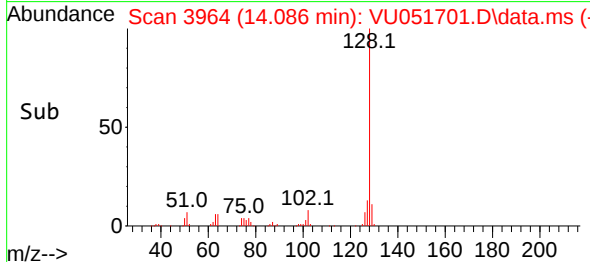
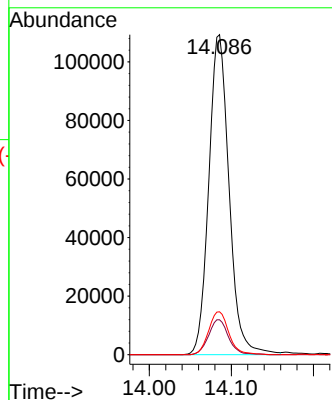
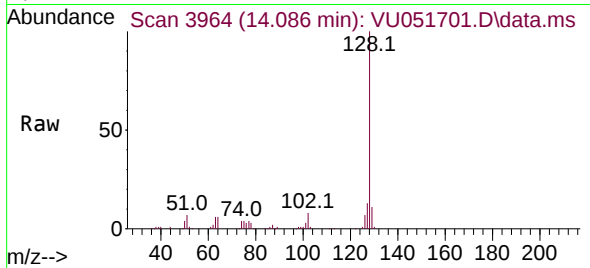




#71
Naphthalene
Concen: 4.884 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Instrument :
MSVOA_U
ClientSampleId :
DBWU9MS

Tgt Ion:128 Resp: 187837
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.3 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.185 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051701.D
Acq: 02 Nov 2022 19:26

Tgt Ion:180 Resp: 107886
Ion Ratio Lower Upper
180 100
182 94.8 76.1 114.1
145 32.0 25.6 38.4

