

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011322\
 Data File : VU046751.D
 Acq On : 13 Jan 2022 10:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 23:12:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	71106	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	72619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19842	3.543	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.919	69	18492	4.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.572	65	8876	3.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.662	46	101471	62.459	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.920%
24) Chloroform-d	5.070	84	50017	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.706	65	28831	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.729	84	89333	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.694	67	28743	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.899	98	80537	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.182	79	13025	4.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.639	63	94249	57.060	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34609	5.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	35475	4.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	49101	4.513	ug/L	99
3) Chloromethane	1.523	50	34596	3.692	ug/L	97
5) Vinyl chloride	1.607	62	37470	4.062	ug/L	99
6) Bromomethane	1.864	94	23575	4.245	ug/L	99
8) Chloroethane	1.941	64	23752	4.386	ug/L	98
9) Trichlorofluoromethane	2.144	101	61487	5.096	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35416	5.765	ug/L	96
12) 1,1-Dichloroethene	2.584	96	30034	4.802	ug/L #	73
13) Acetone	2.681	43	90821	59.627	ug/L	100
14) Carbon disulfide	2.800	76	62957	3.082	ug/L	99
15) Methyl Acetate	2.970	43	16943	5.507	ug/L #	87
16) Methylene chloride	3.051	84	45827	6.021	ug/L	91
17) Methyl tert-butyl Ether	3.366	73	99912	5.476	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	31041	4.652	ug/L	93
19) 1,1-Dichloroethane	3.877	63	63560	5.170	ug/L	98
21) 2-Butanone	4.732	43	138621	59.986	ug/L	92
22) cis-1,2-Dichloroethene	4.671	96	39116	5.363	ug/L	95
23) Bromochloromethane	4.980	128	19453	5.359	ug/L	88
25) Chloroform	5.092	83	73082	5.503	ug/L	99

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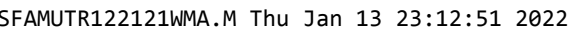
Instrument :
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 ClientSampleId :

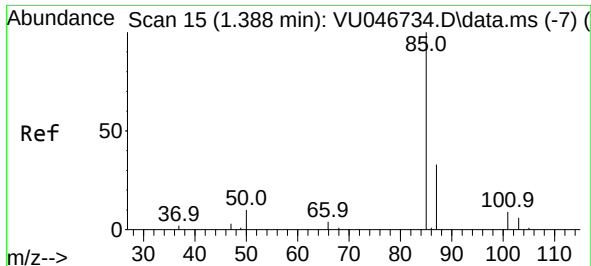
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	47356	4.995	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	62748	5.226	ug/L	97
30) Cyclohexane	5.395	56	44168	4.447	ug/L	92
31) Carbon tetrachloride	5.530	117	51900	5.151	ug/L	98
33) Benzene	5.777	78	140842	4.881	ug/L	100
34) Trichloroethene	6.546	95	37009	4.866	ug/L	95
35) Methylcyclohexane	6.768	83	51756	4.826	ug/L	94
37) 1,2-Dichloropropane	6.793	63	38821	5.275	ug/L	99
38) Bromodichloromethane	7.108	83	54387	5.339	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	57722	5.181	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	307399	55.640	ug/L #	94
42) Toluene	7.973	91	154652	5.222	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	54138	5.244	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	34997	5.514	ug/L	98
47) Tetrachloroethene	8.555	164	28997	5.388	ug/L	92
48) 2-Hexanone	8.690	43	233362	56.559	ug/L #	95
49) Dibromochloromethane	8.812	129	42082	5.748	ug/L	93
50) 1,2-Dibromoethane	8.928	107	32745	5.344	ug/L #	99
51) Chlorobenzene	9.449	112	103942	5.491	ug/L	97
52) Ethylbenzene	9.571	91	167589	5.467	ug/L	98
53) m,p-Xylene	9.697	106	67452	5.744	ug/L	97
54) o-Xylene	10.102	106	66125	5.860	ug/L	98
55) Styrene	10.115	104	118667	6.063	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	49102	5.920	ug/L	95
59) Bromoform	10.295	173	26617	5.302	ug/L	99
60) Isopropylbenzene	10.488	105	179281	5.350	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	36283	5.027	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	145004	5.203	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	152237	5.424	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	91405	5.611	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	90655	5.436	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	91965	5.628	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	8271	4.951	ug/L	87
69) 1,3,5-Trichlorobenzene	13.221	180	72514	5.882	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	60271	5.772	ug/L	98
71) Naphthalene	14.089	128	122860	5.298	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	58485	5.657	ug/L	97

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

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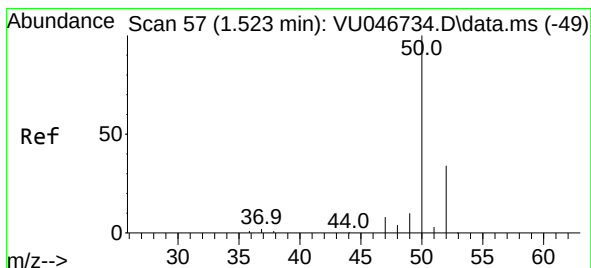
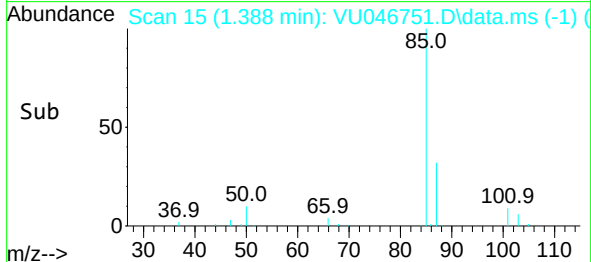
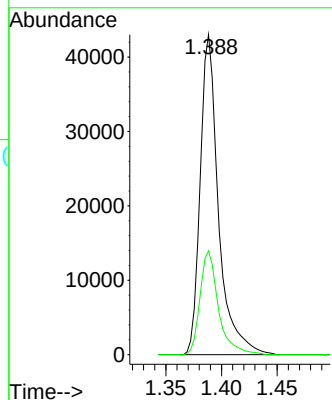
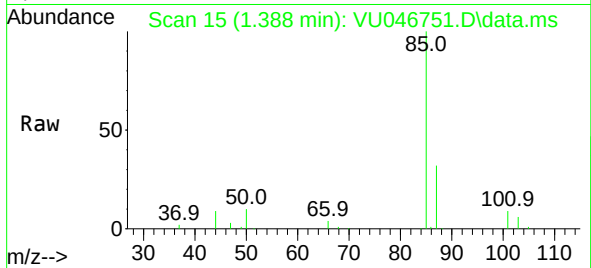




#2
Dichlorodifluoromethane
Concen: 4.513 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

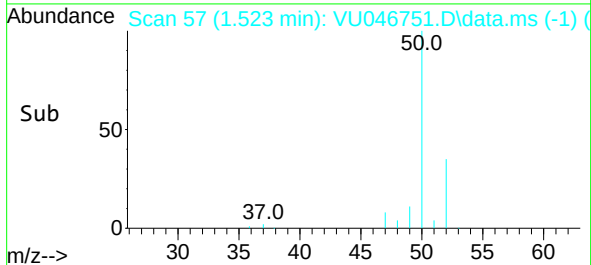
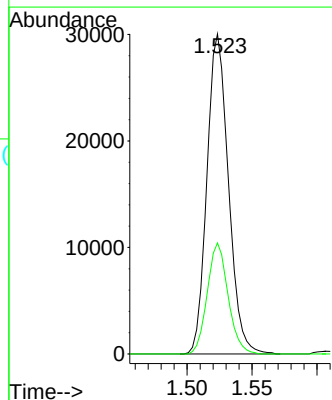
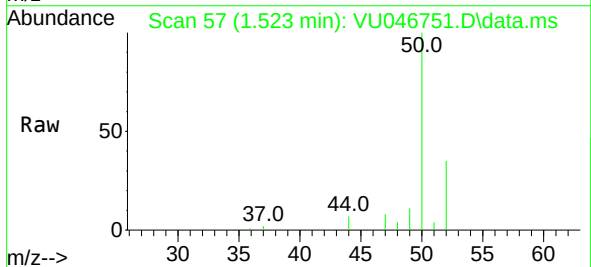
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MSVOA_U
ClientSampleId :

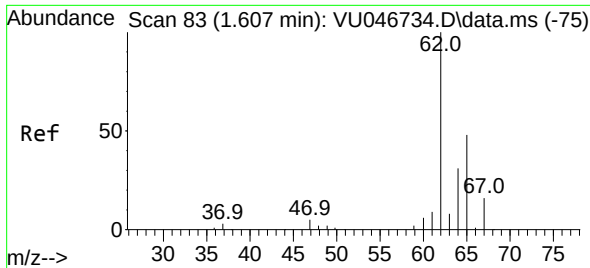
Tgt Ion: 85 Resp: 49101
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#3
Chloromethane
Concen: 3.692 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.006 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Tgt Ion: 50 Resp: 34596
Ion Ratio Lower Upper
50 100
52 34.7 23.0 42.8

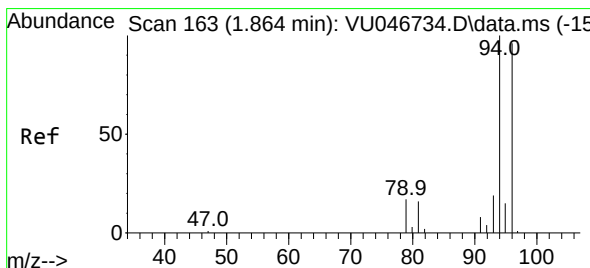
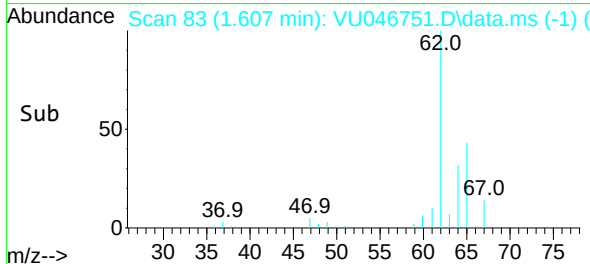
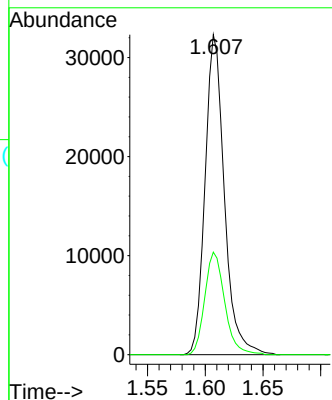
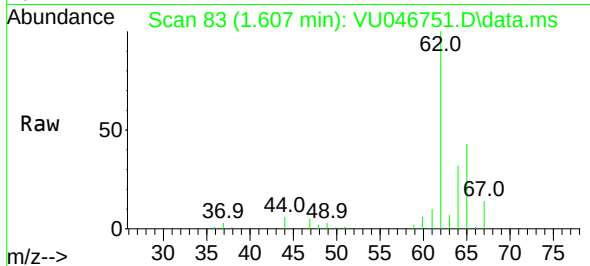




#5
 Vinyl chloride
 Concen: 4.062 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.006 min
 Lab File: VU046751.D
 Acq: 13 Jan 2022 10:18

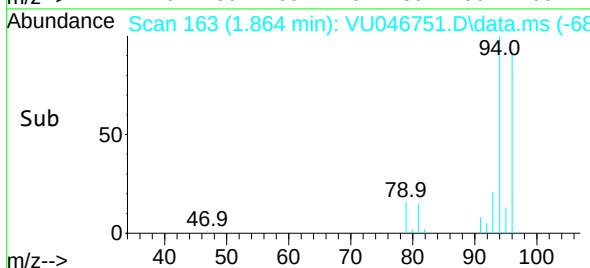
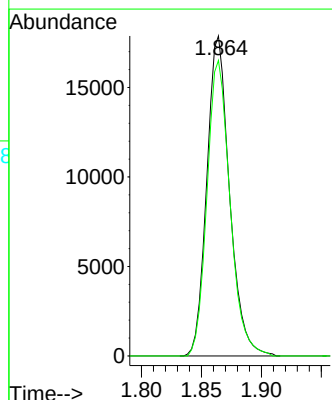
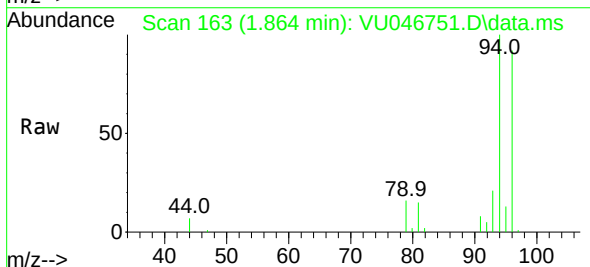
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 ClientSampleId :

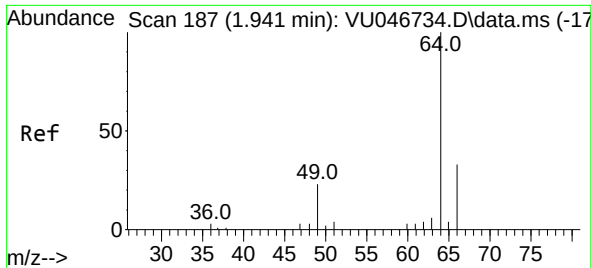
Tgt Ion: 62 Resp: 37470
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.9 42.5



#6
 Bromomethane
 Concen: 4.245 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.006 min
 Lab File: VU046751.D
 Acq: 13 Jan 2022 10:18

Tgt Ion: 94 Resp: 23575
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.5 121.6

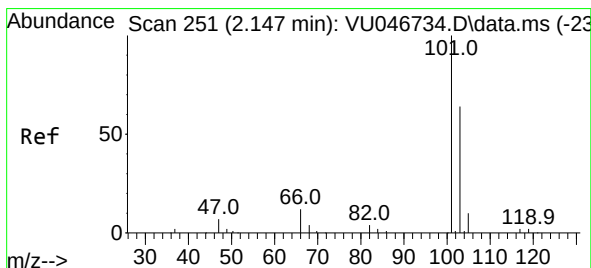
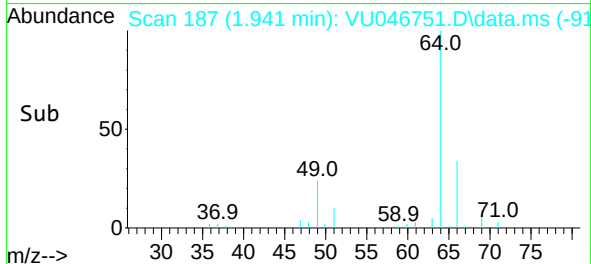
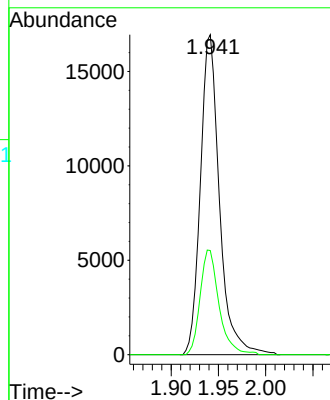
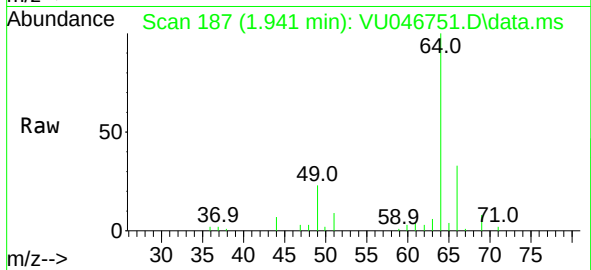




#8
Chloroethane
Concen: 4.386 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

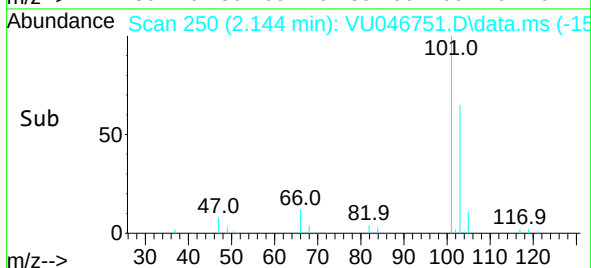
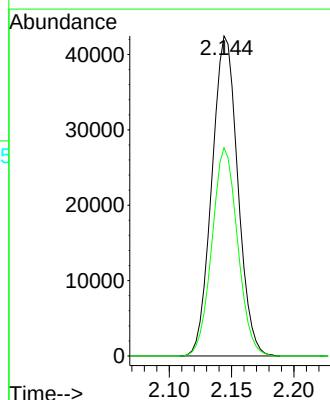
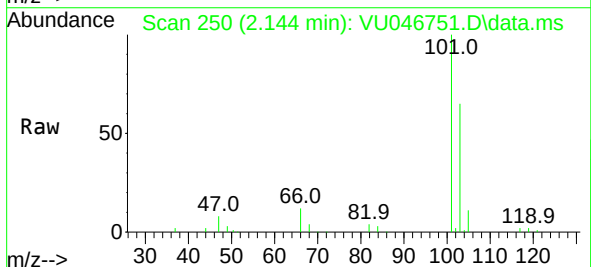
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MSVOA_U
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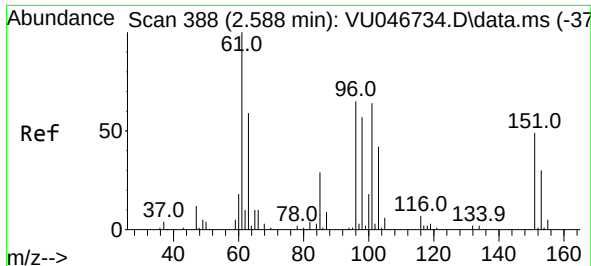
Tgt Ion: 64 Resp: 23752
Ion Ratio Lower Upper
64 100
66 32.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.096 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.006 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Tgt Ion:101 Resp: 61487
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

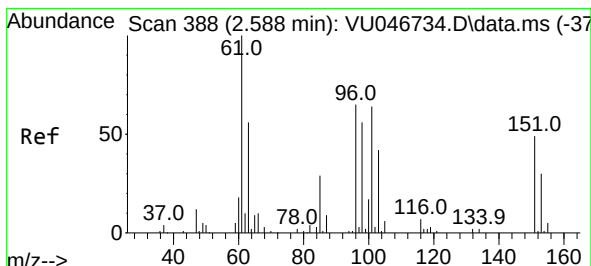
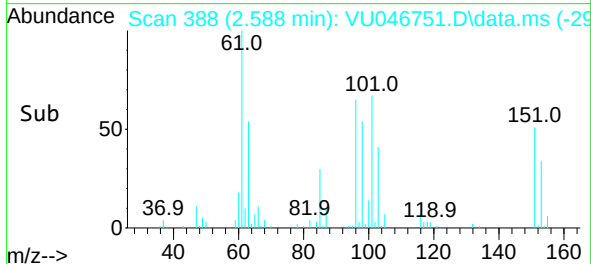
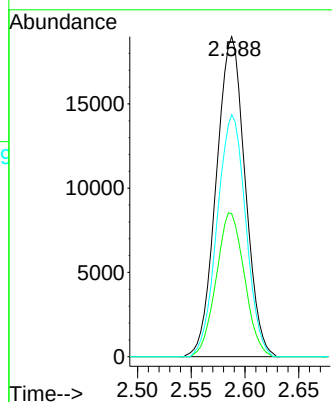
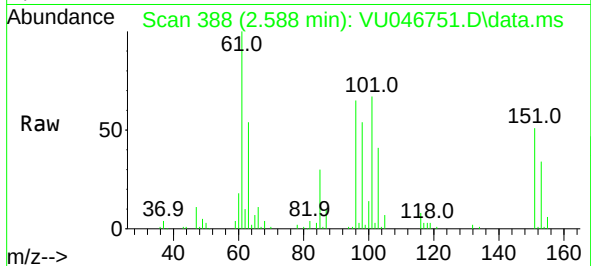




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.765 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.010 min
 Lab File: VU046751.D
 Acq: 13 Jan 2022 10:18

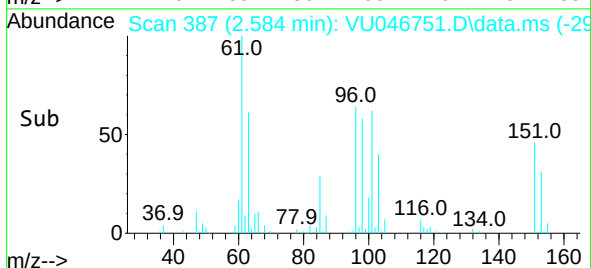
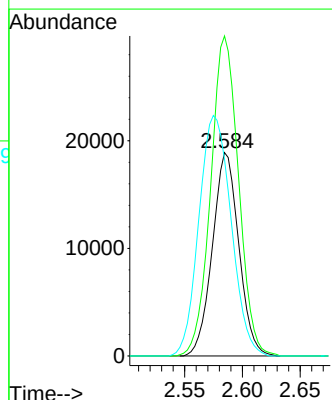
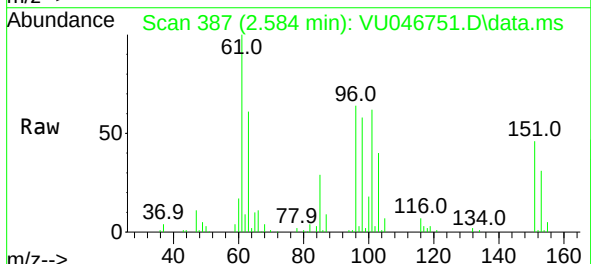
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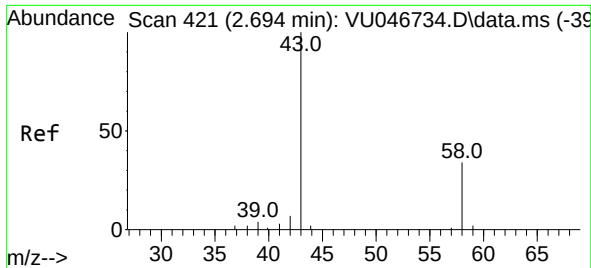
Tgt Ion:101 Resp: 35416
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.6 51.8
 151 75.0 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.802 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.006 min
 Lab File: VU046751.D
 Acq: 13 Jan 2022 10:18

Tgt Ion: 96 Resp: 30034
 Ion Ratio Lower Upper
 96 100
 61 157.4 124.7 231.5
 63 96.7 105.2 195.4#





#13

Acetone

Concen: 59.627 ug/L

RT: 2.681 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

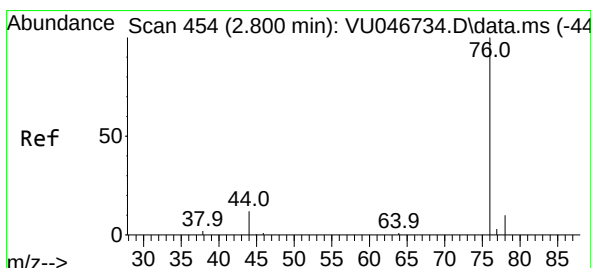
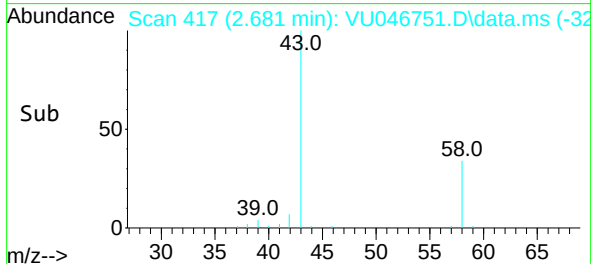
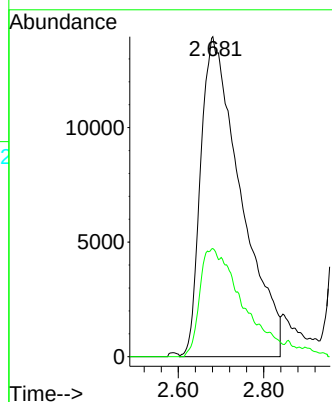
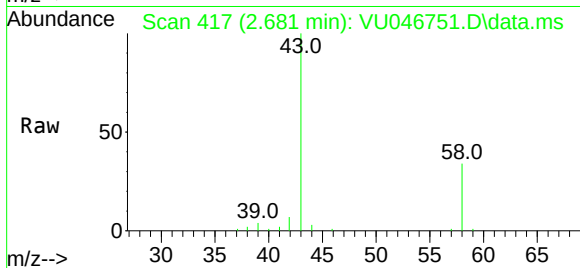
ClientSampleId :

Tgt Ion: 43 Resp: 90821

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.6



#14

Carbon disulfide

Concen: 3.082 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.006 min

Lab File: VU046751.D

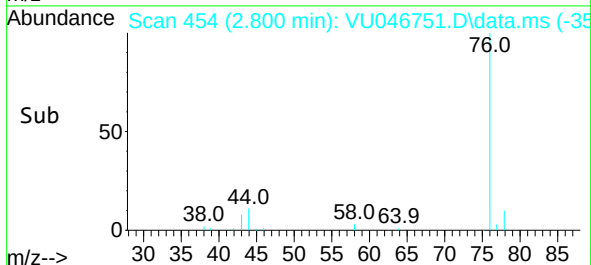
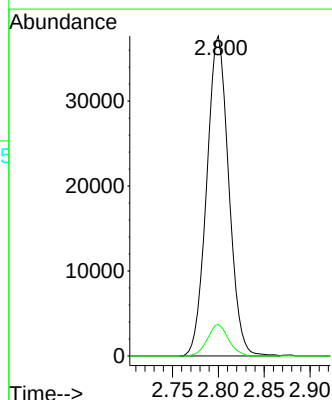
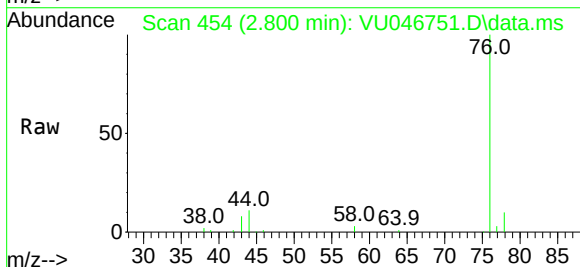
Acq: 13 Jan 2022 10:18

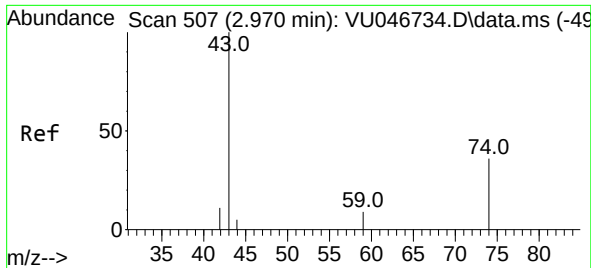
Tgt Ion: 76 Resp: 62957

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3

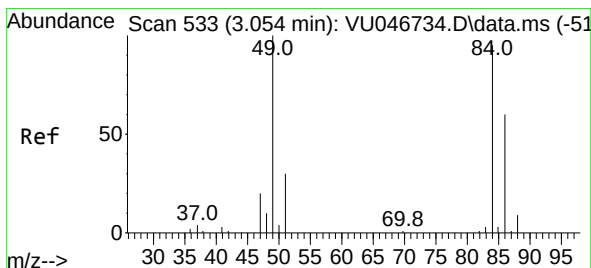
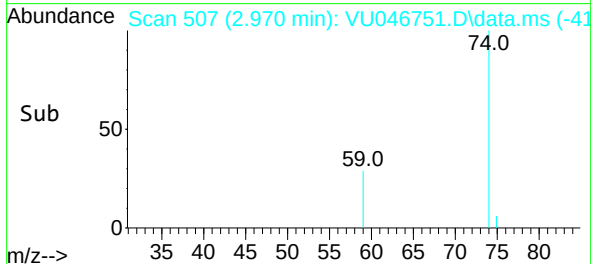
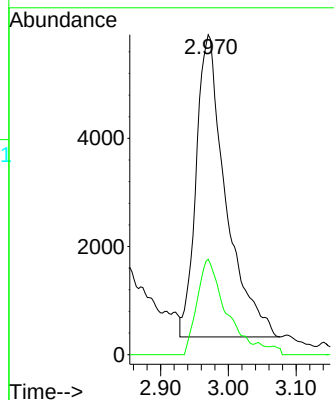
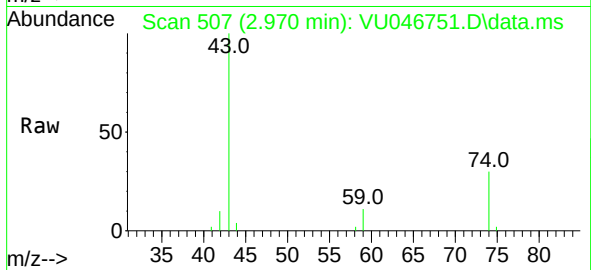




#15
Methyl Acetate
Concen: 5.507 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.006 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

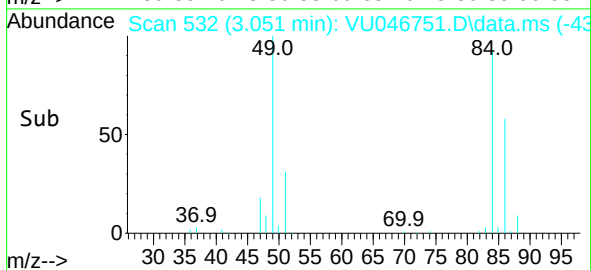
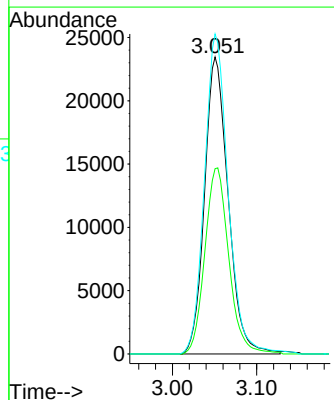
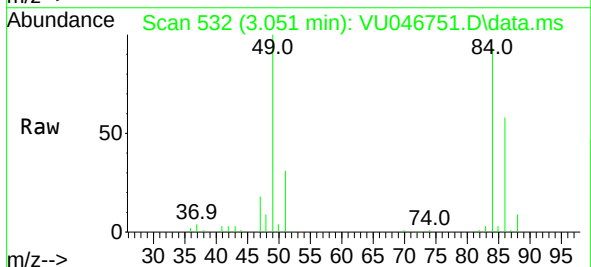
Instrument :
MSVOA_U
ClientSampleId :

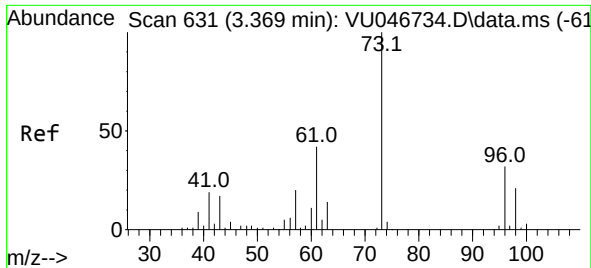
Tgt Ion: 43 Resp: 16943
Ion Ratio Lower Upper
43 100
74 30.1 19.1 28.7#



#16
Methylene chloride
Concen: 6.021 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.006 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Tgt Ion: 84 Resp: 45827
Ion Ratio Lower Upper
84 100
86 62.4 45.8 85.0
49 107.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.476 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.006 min

Lab File: VU046751.D

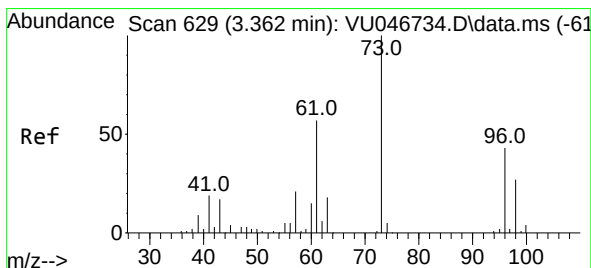
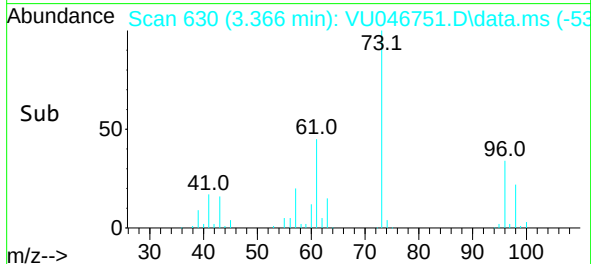
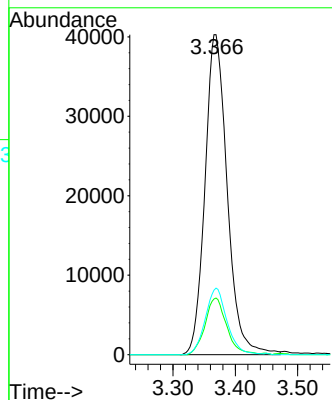
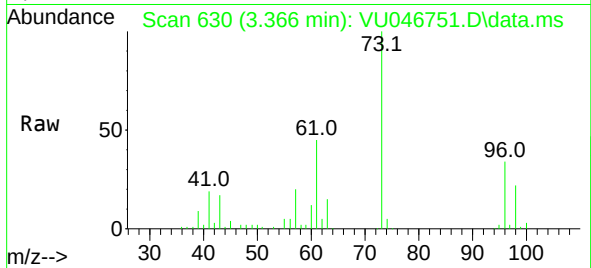
Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 99912
Ion Ratio	Lower Upper
73 100	
43 17.2	14.8 22.2
57 20.3	17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.652 ug/L

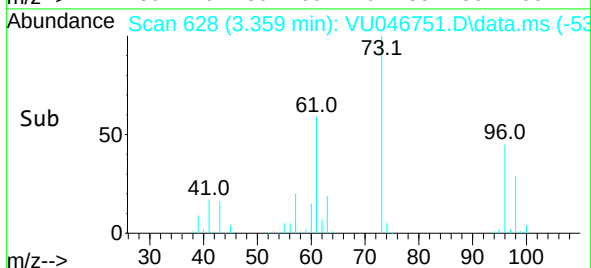
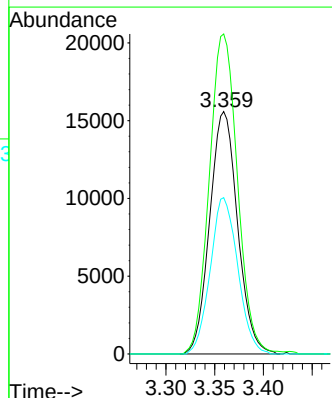
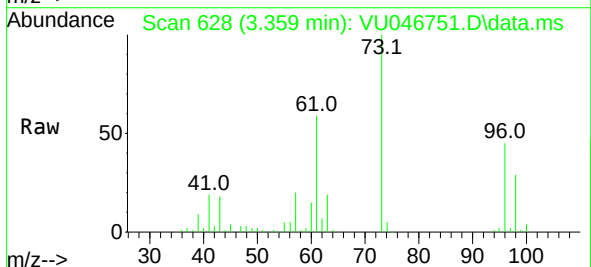
RT: 3.359 min Scan# 628

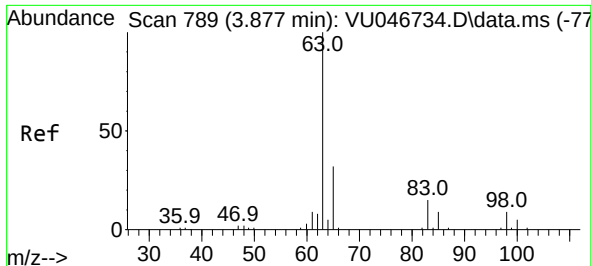
Delta R.T. 0.006 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

Tgt Ion: 96	Resp: 31041
Ion Ratio	Lower Upper
96 100	
61 132.0	100.8 187.2
98 64.5	45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.170 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.010 min

Lab File: VU046751.D

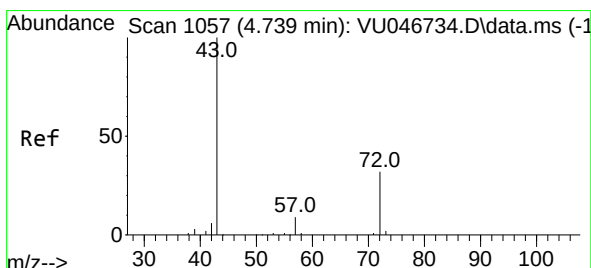
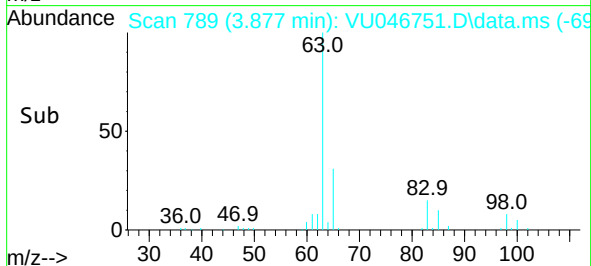
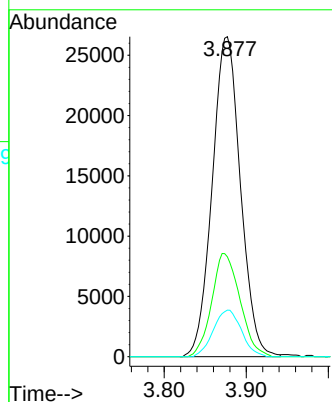
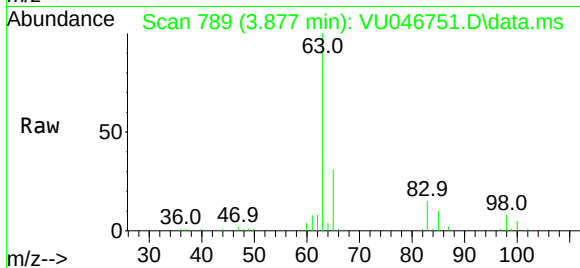
Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	63560
Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.3	41.5
83	14.5	9.6	17.8



#21

2-Butanone

Concen: 59.986 ug/L

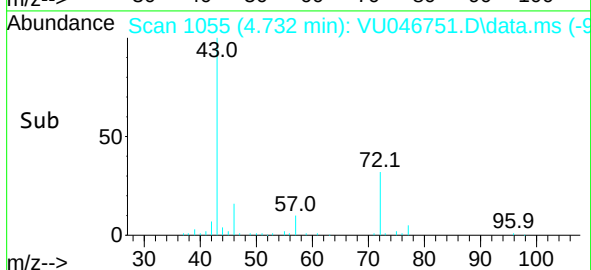
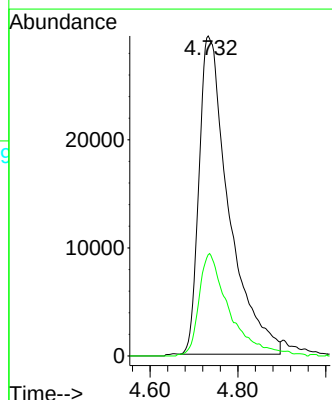
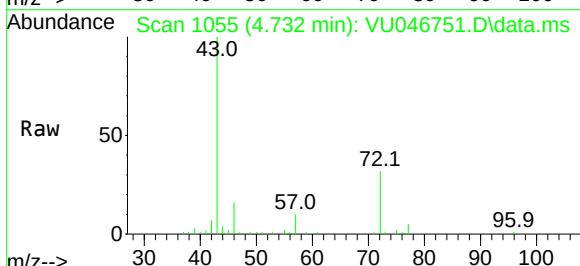
RT: 4.732 min Scan# 1055

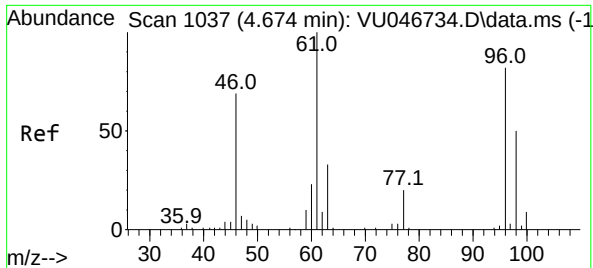
Delta R.T. 0.000 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

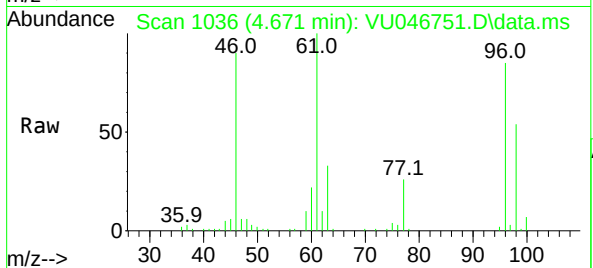
Tgt Ion:	43	Resp:	138621
Ion	Ratio	Lower	Upper
43	100		
72	32.5	14.1	42.3



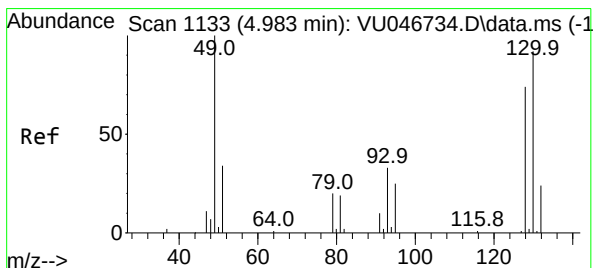
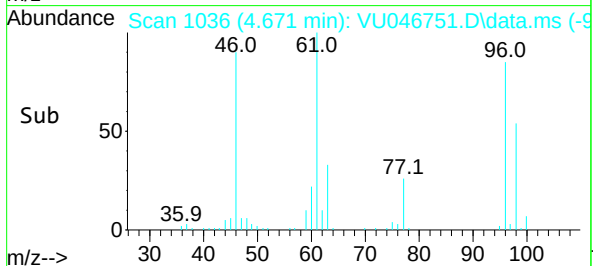
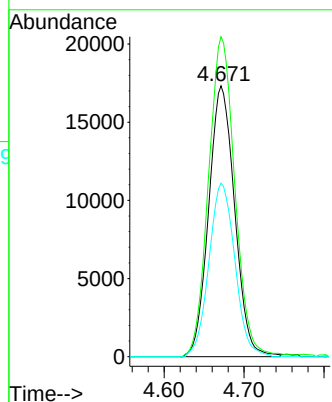


#22
 cis-1,2-Dichloroethene
 Concen: 5.363 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VU046751.D
 Acq: 13 Jan 2022 10:18

Instrument :
 MSVOA_U
 ClientSampleId :

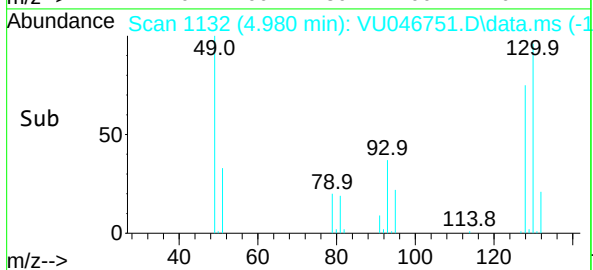
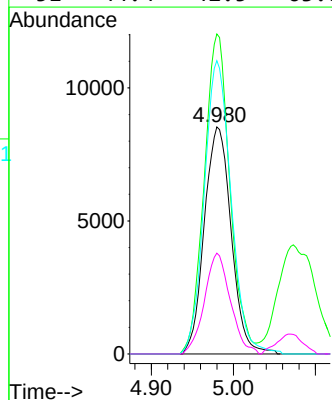
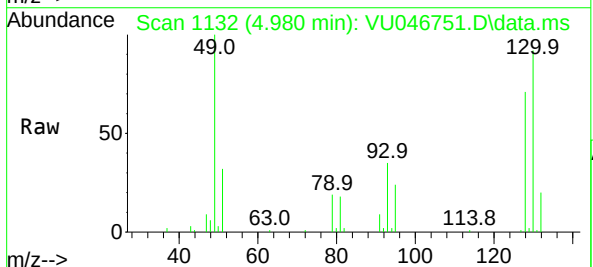


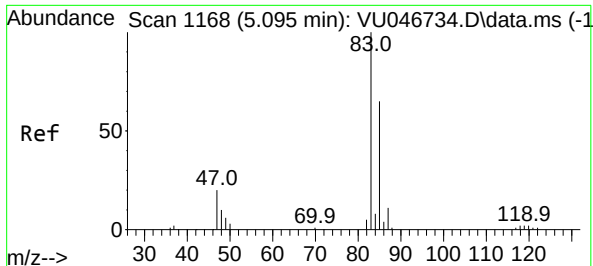
Tgt Ion: 96	Resp:	39116
Ion	Ratio	Lower Upper
96	100	
61	118.1	88.5 164.3
98	64.0	44.4 82.5



#23
 Bromochloromethane
 Concen: 5.359 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.003 min
 Lab File: VU046751.D
 Acq: 13 Jan 2022 10:18

Tgt Ion: 128	Resp:	19453
Ion	Ratio	Lower Upper
128	100	
49	140.9	117.0 217.2
130	129.1	88.2 163.8
51	44.4	42.5 63.7





#25

Chloroform

Concen: 5.503 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

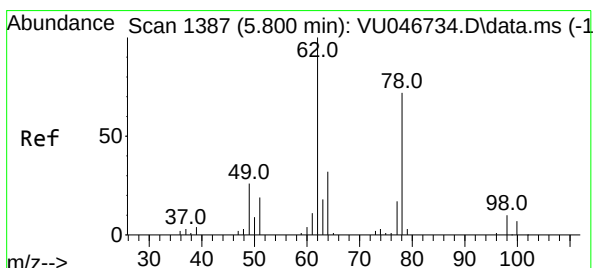
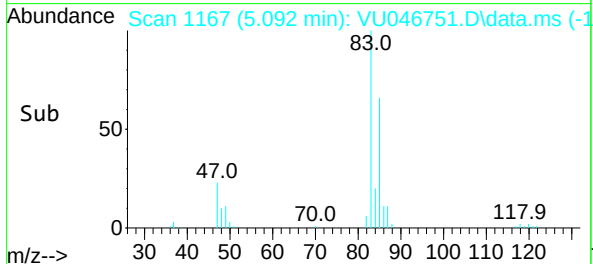
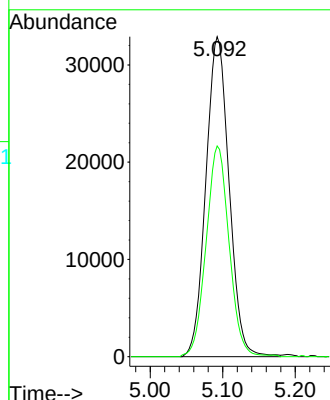
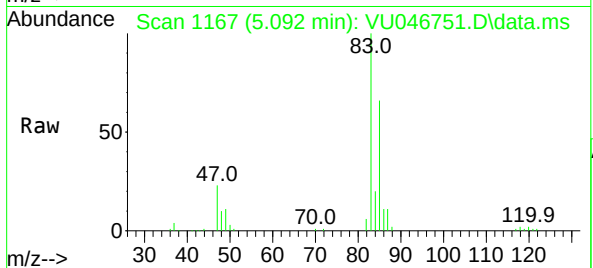
ClientSampleId :

Tgt Ion: 83 Resp: 73082

Ion Ratio Lower Upper

83 100

85 65.8 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.995 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VU046751.D

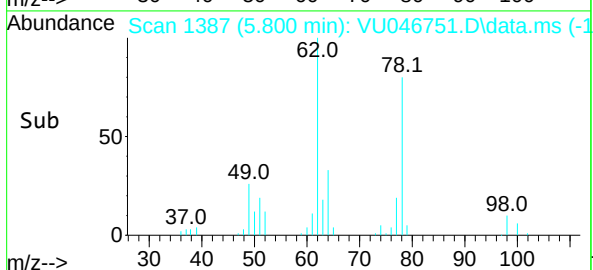
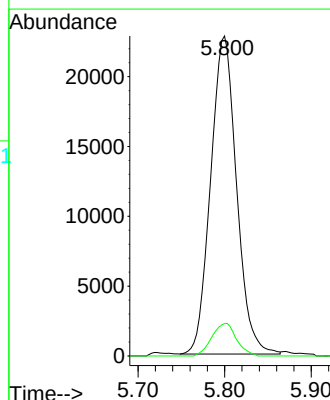
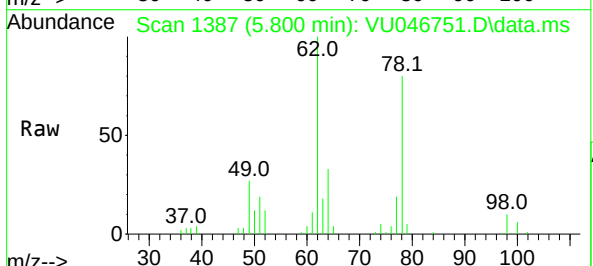
Acq: 13 Jan 2022 10:18

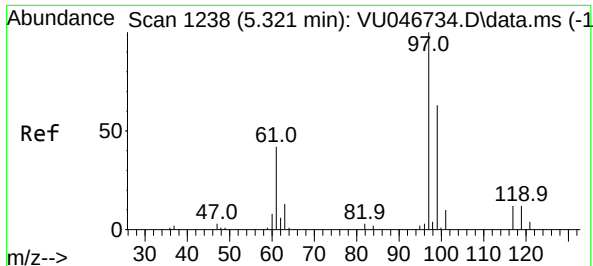
Tgt Ion: 62 Resp: 47356

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.226 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

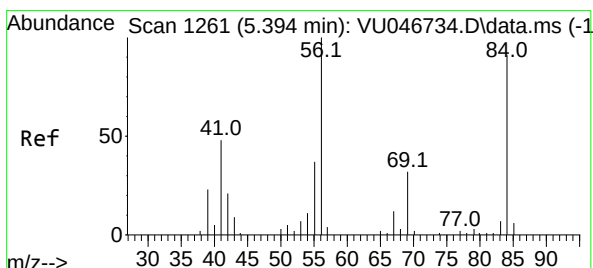
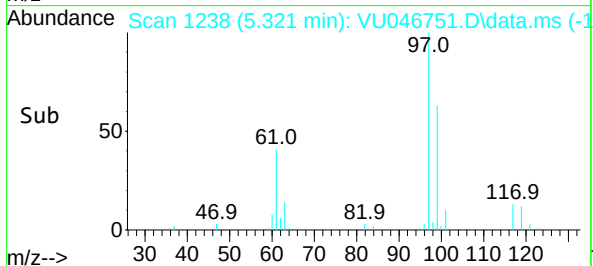
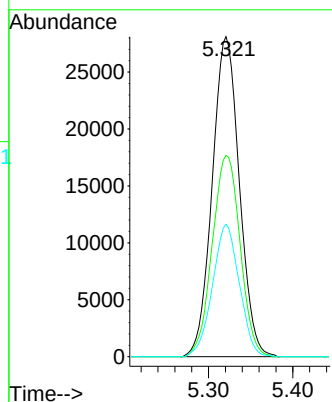
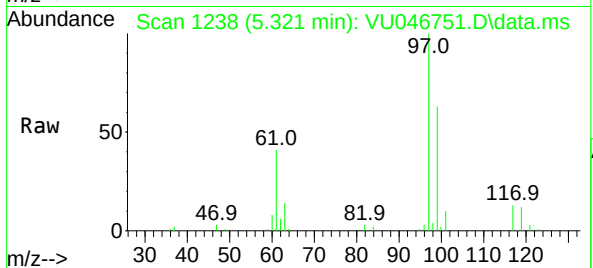
Tgt Ion: 97 Resp: 62748

Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 41.0 36.1 54.1



#30

Cyclohexane

Concen: 4.447 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

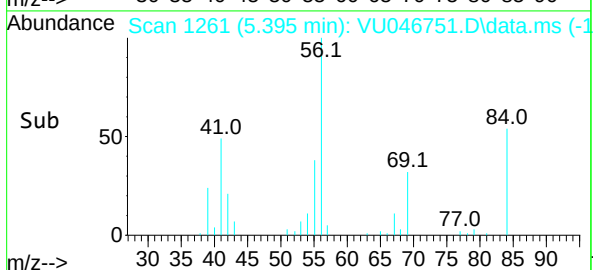
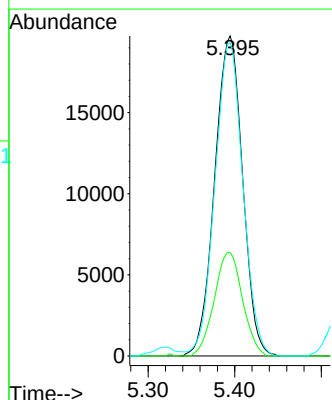
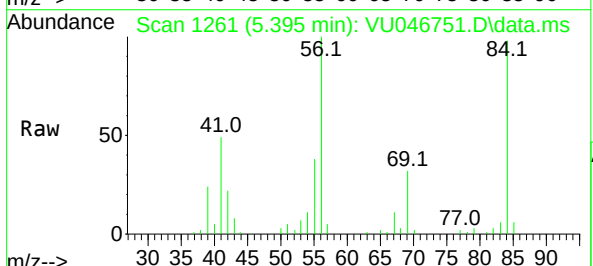
Tgt Ion: 56 Resp: 44168

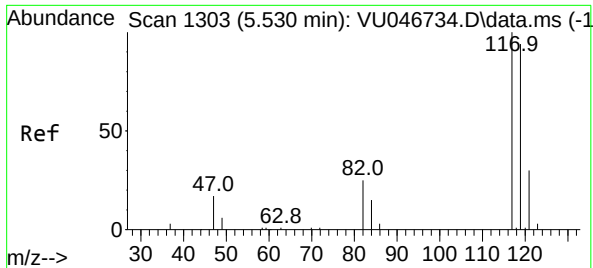
Ion Ratio Lower Upper

56 100

69 32.7 24.7 37.1

84 98.1 71.8 107.6

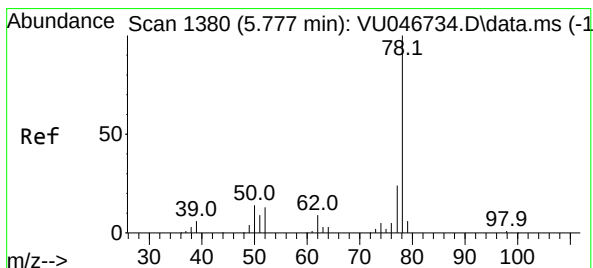
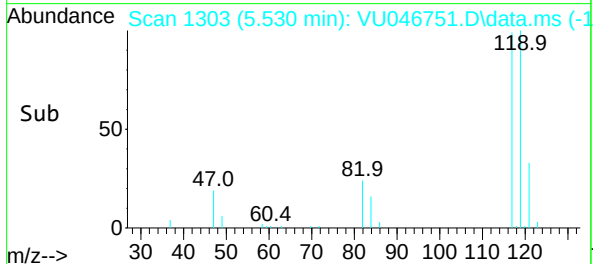
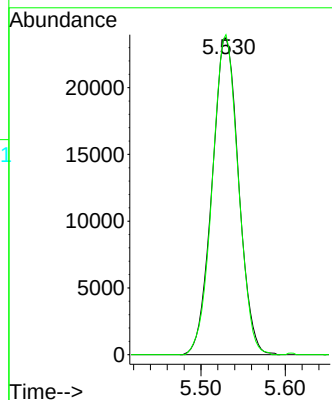
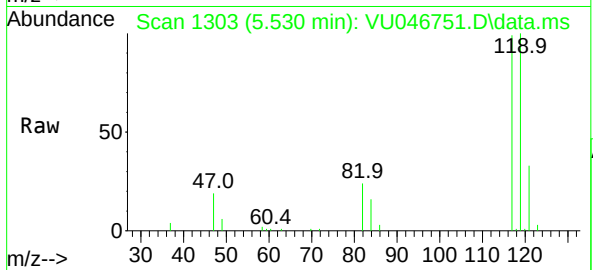




#31
Carbon tetrachloride
Concen: 5.151 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

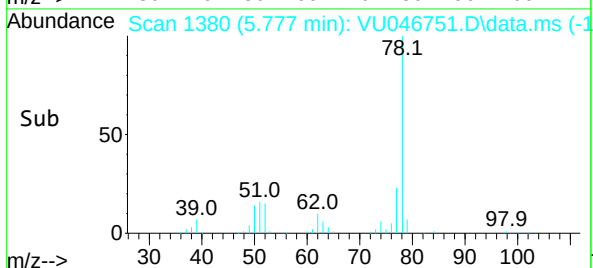
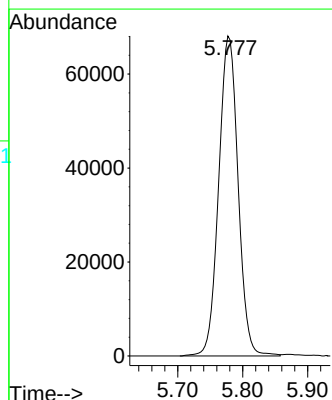
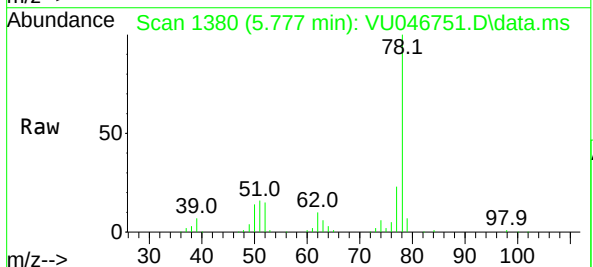
Instrument :
MSVOA_U
ClientSampleId :

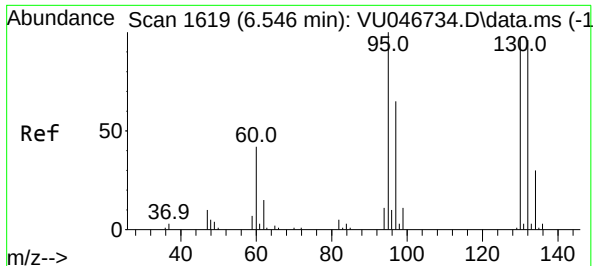
Tgt Ion:117 Resp: 51900
Ion Ratio Lower Upper
117 100
119 98.4 77.5 116.3



#33
Benzene
Concen: 4.881 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

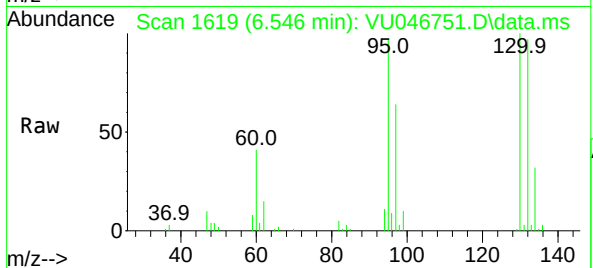
Tgt Ion: 78 Resp: 140842





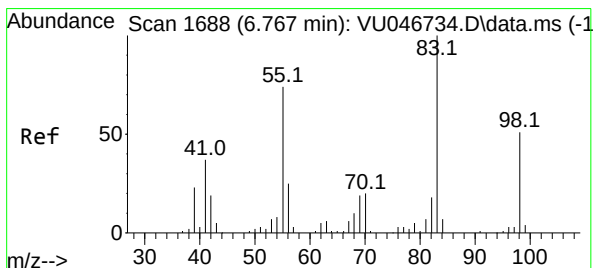
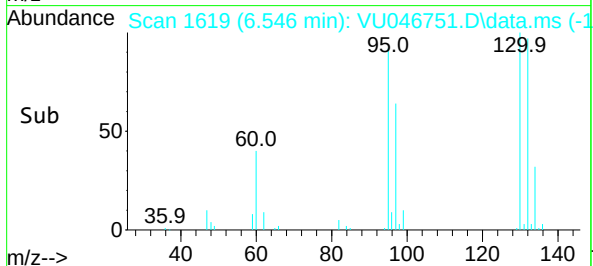
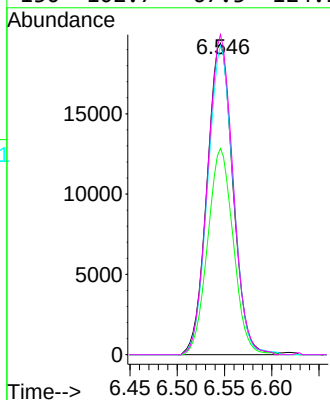
#34
Trichloroethene
Concen: 4.866 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 37009

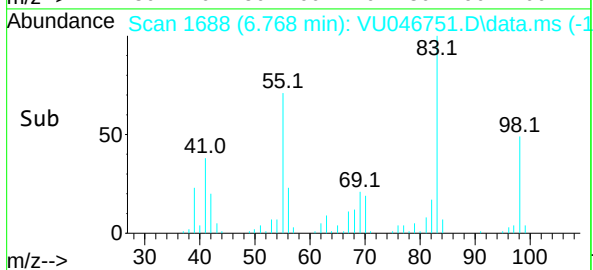
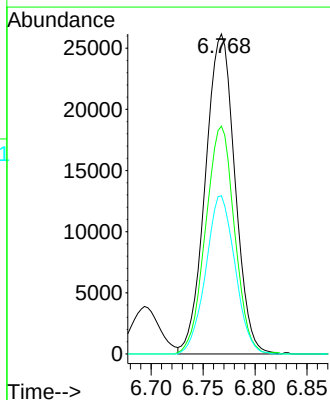
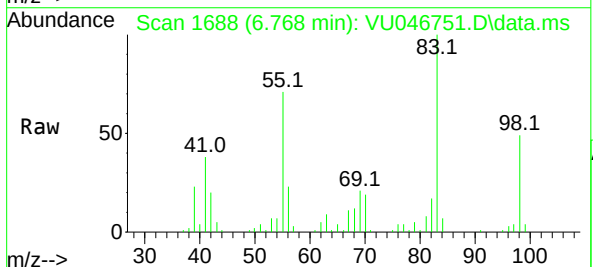
Ion	Ratio	Lower	Upper
95	100		
97	66.2	46.5	86.5
132	99.2	65.1	120.9
130	102.7	67.3	124.9

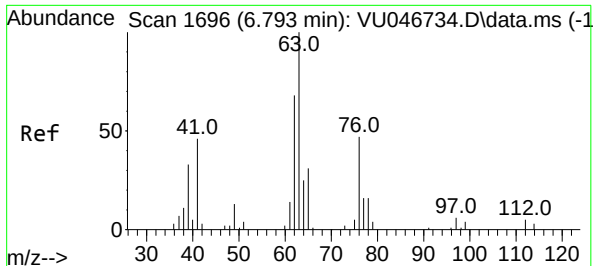


#35
Methylcyclohexane
Concen: 4.826 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Tgt Ion: 83 Resp: 51756

Ion	Ratio	Lower	Upper
83	100		
55	69.7	61.9	92.9
98	48.9	39.0	58.6





#37

1,2-Dichloropropane

Concen: 5.275 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

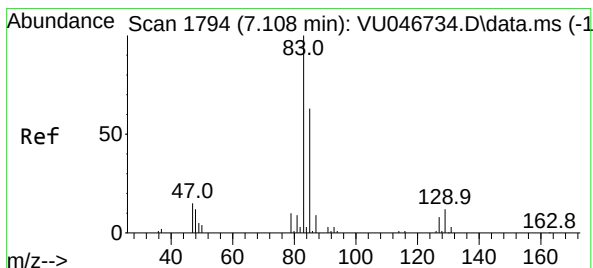
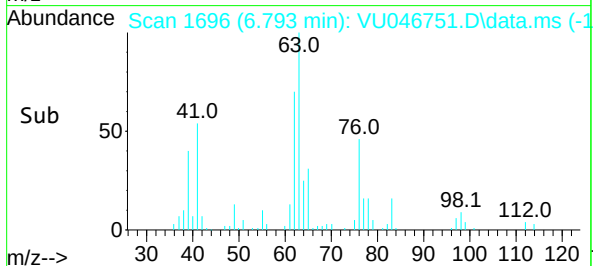
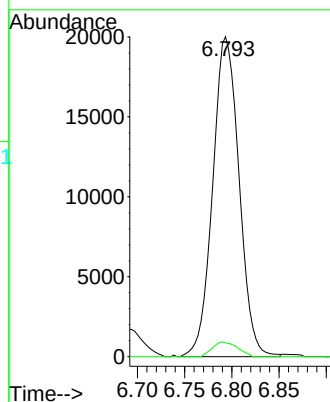
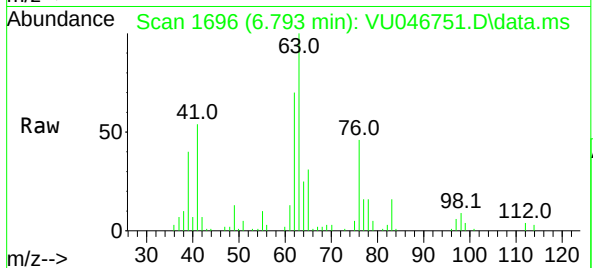
ClientSampleId :

Tgt Ion: 63 Resp: 38821

Ion Ratio Lower Upper

63 100

112 4.4 3.2 4.8



#38

Bromodichloromethane

Concen: 5.339 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

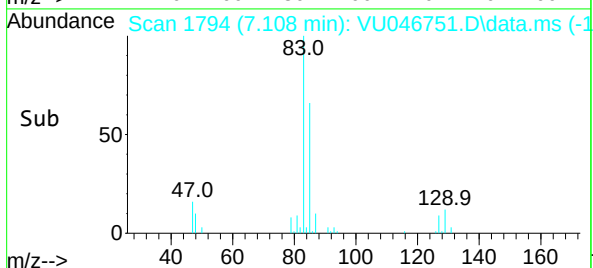
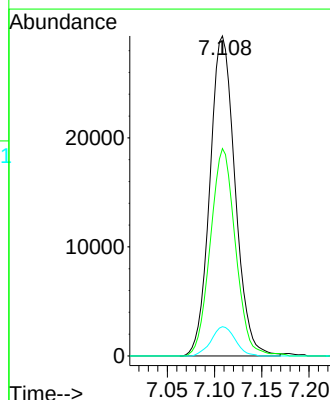
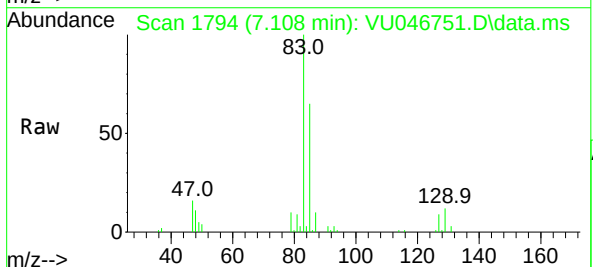
Tgt Ion: 83 Resp: 54387

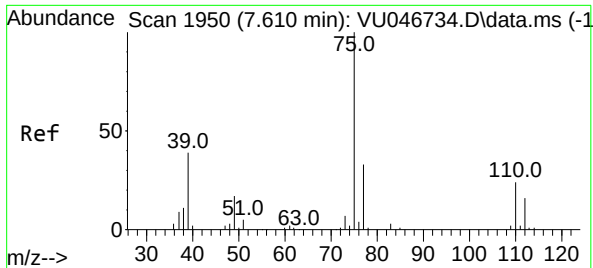
Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.8

127 9.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.181 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

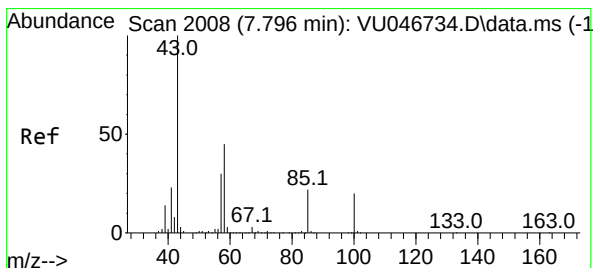
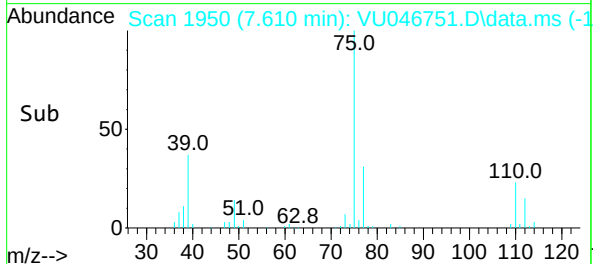
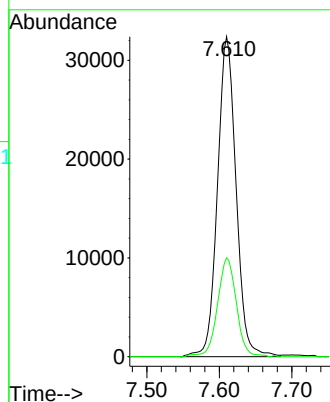
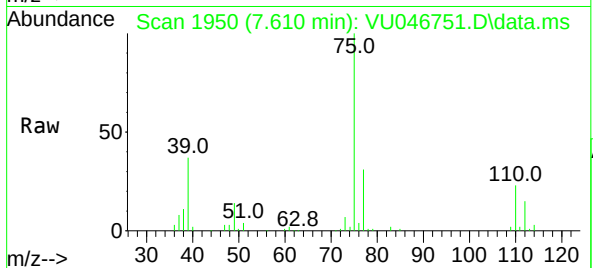
ClientSampleId :

Tgt Ion: 75 Resp: 57722

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 55.640 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

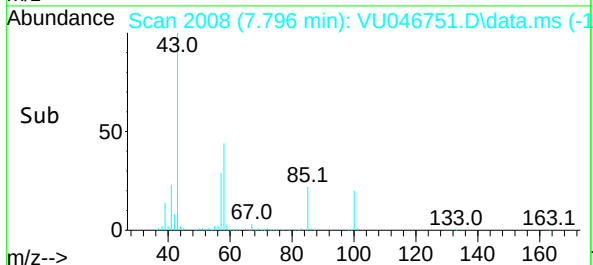
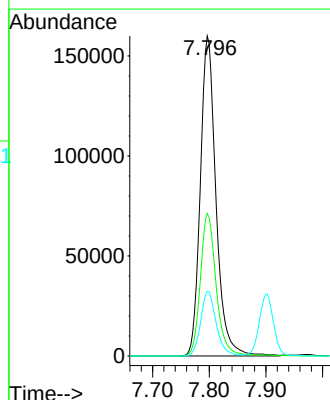
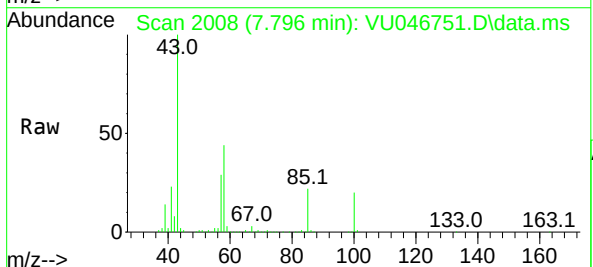
Tgt Ion: 43 Resp: 307399

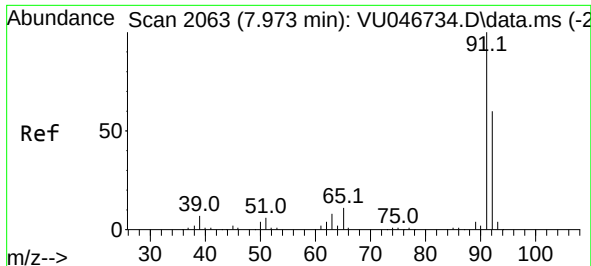
Ion Ratio Lower Upper

43 100

58 44.7 33.1 49.7

100 20.0 13.2 19.8#





#42

Toluene

Concen: 5.222 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

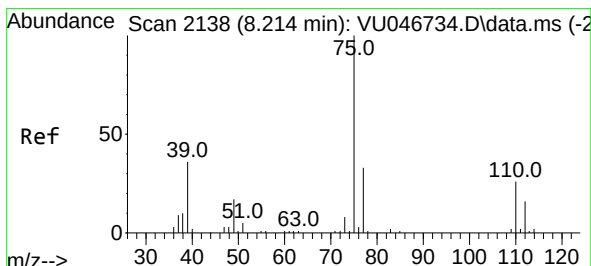
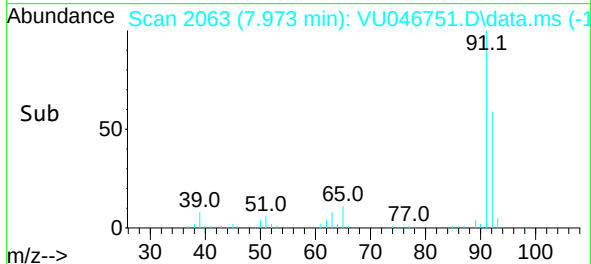
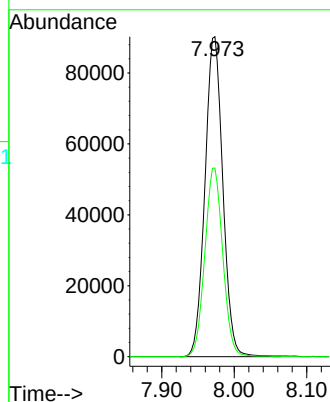
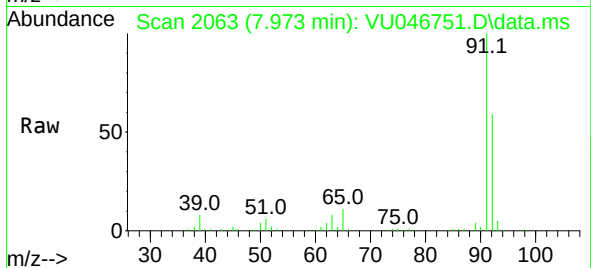
ClientSampleId :

Tgt Ion: 91 Resp: 154652

Ion Ratio Lower Upper

91 100

92 58.9 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.244 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046751.D

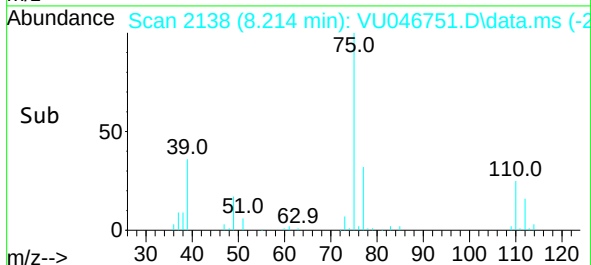
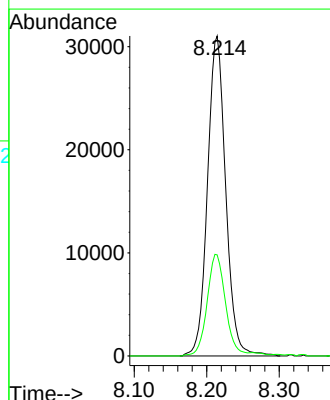
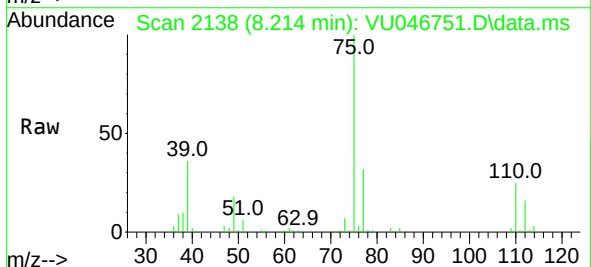
Acq: 13 Jan 2022 10:18

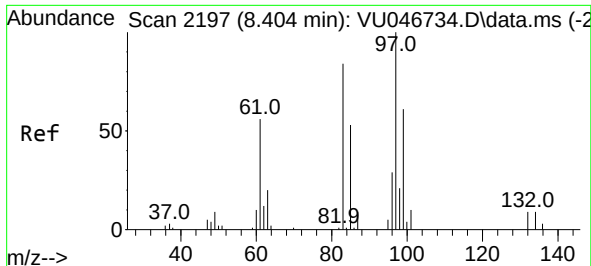
Tgt Ion: 75 Resp: 54138

Ion Ratio Lower Upper

75 100

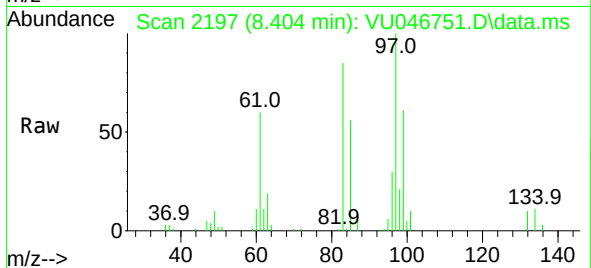
77 31.6 22.7 42.3



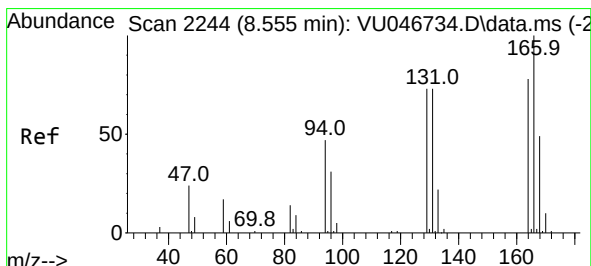
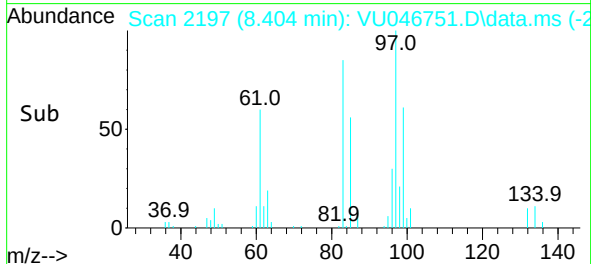
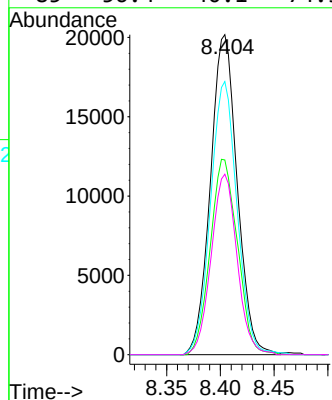


#45
1,1,2-Trichloroethane
Concen: 5.514 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :

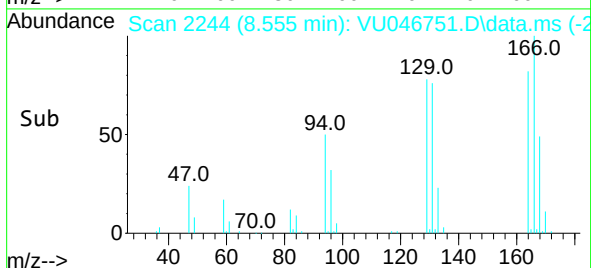
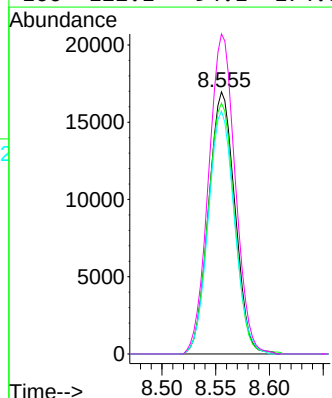
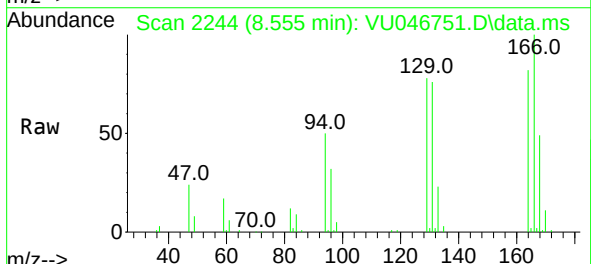


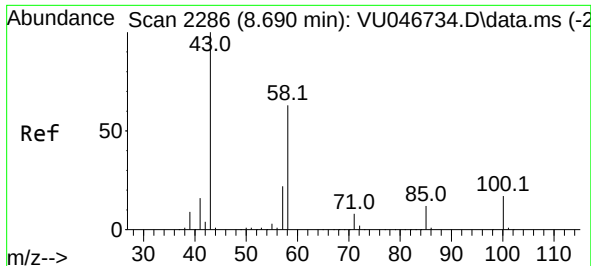
Tgt Ion:	97	Resp:	34997
Ion	Ratio	Lower	Upper
97	100		
99	60.8	42.3	78.5
83	85.3	62.0	115.2
85	56.4	40.1	74.5



#47
Tetrachloroethene
Concen: 5.388 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Tgt Ion:	164	Resp:	28997
Ion	Ratio	Lower	Upper
164	100		
129	95.7	71.8	133.4
131	92.6	68.5	127.3
166	122.1	94.1	174.8

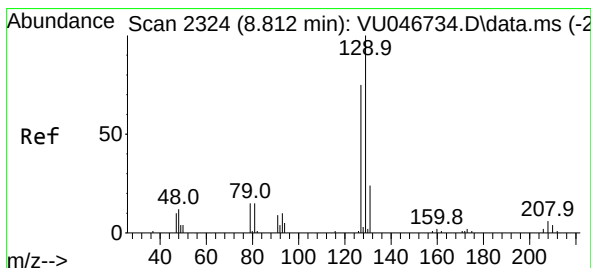
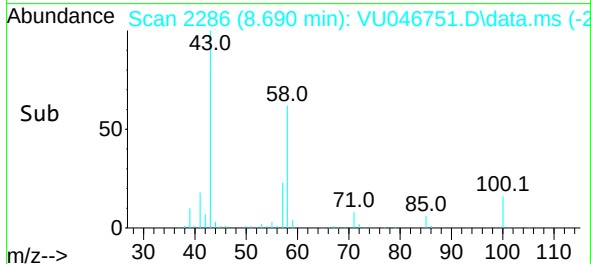
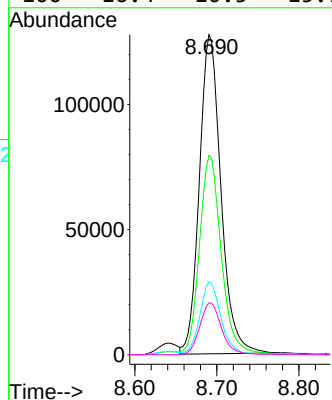
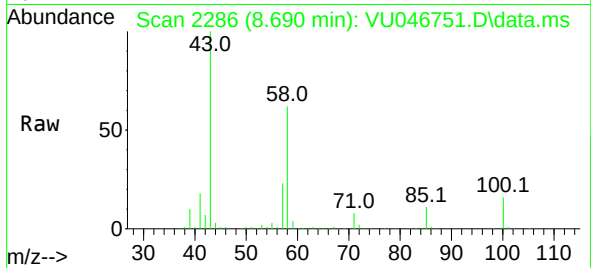




#48
2-Hexanone
Concen: 56.559 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

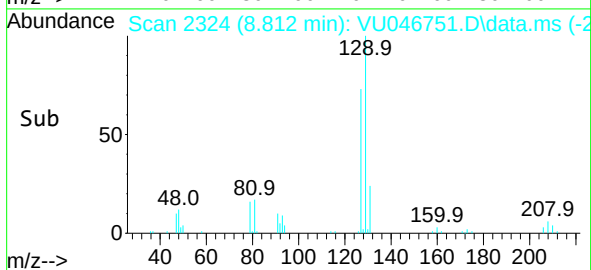
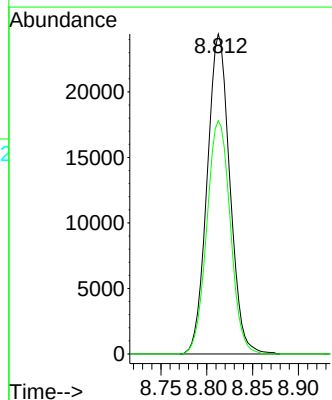
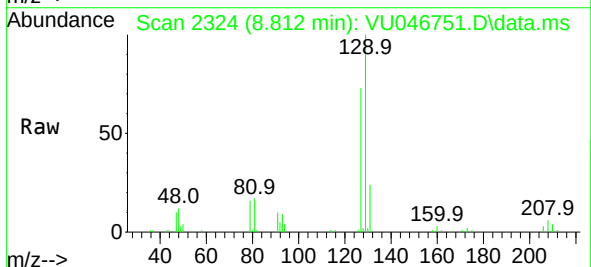
Instrument :
MSVOA_U
ClientSampleId :

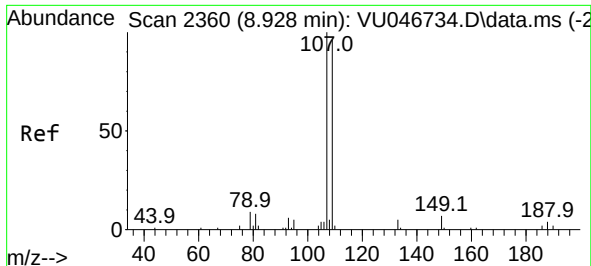
Tgt Ion: 43 Resp: 233362
Ion Ratio Lower Upper
43 100
58 62.0 46.7 70.1
57 22.3 16.3 24.5
100 16.4 10.5 15.7#



#49
Dibromochloromethane
Concen: 5.748 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Tgt Ion: 129 Resp: 42082
Ion Ratio Lower Upper
129 100
127 72.9 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.344 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU046751.D

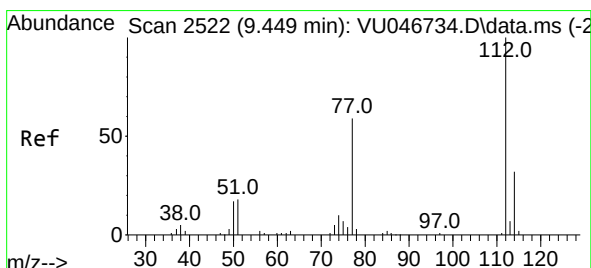
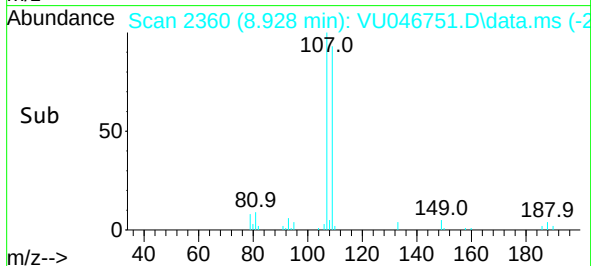
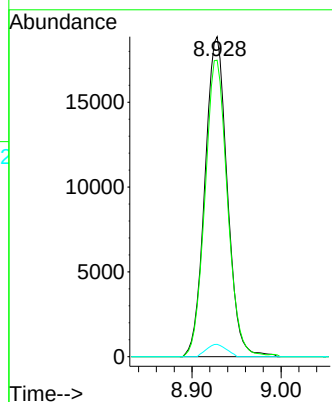
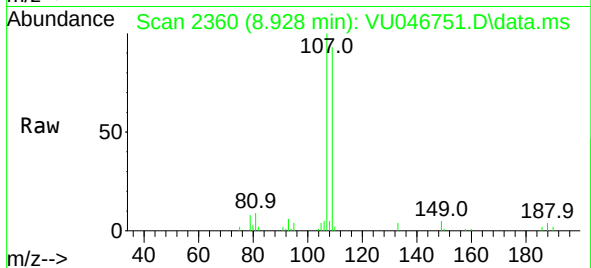
Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	32745
Ion Ratio	Lower	Upper
107	100	
109	92.7	64.0 119.0
188	3.9	2.4 3.6#



#51

Chlorobenzene

Concen: 5.491 ug/L

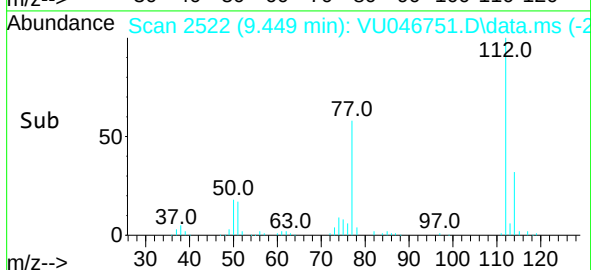
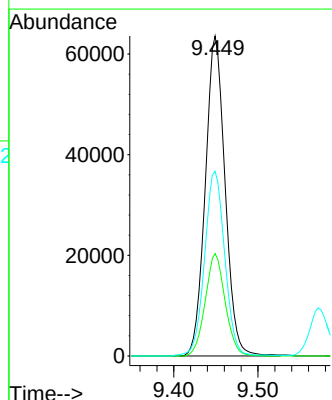
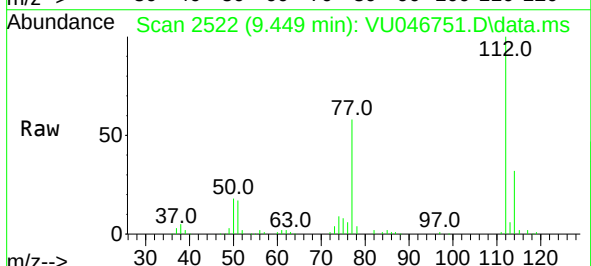
RT: 9.449 min Scan# 2522

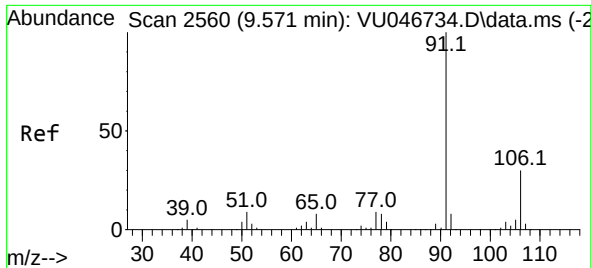
Delta R.T. 0.000 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

Tgt Ion:112	Resp:	103942
Ion Ratio	Lower	Upper
112	100	
114	32.0	22.1 41.1
77	57.7	48.3 72.5

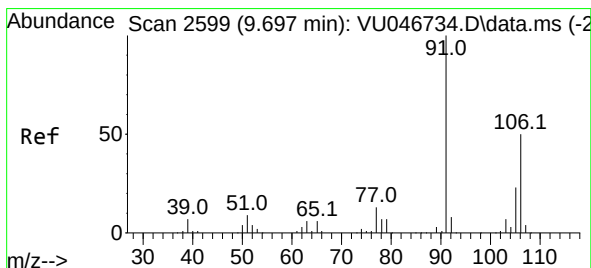
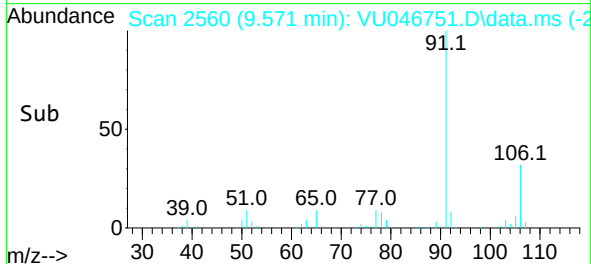
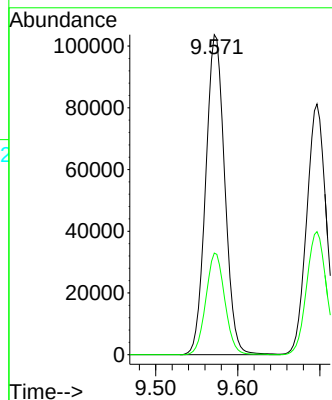
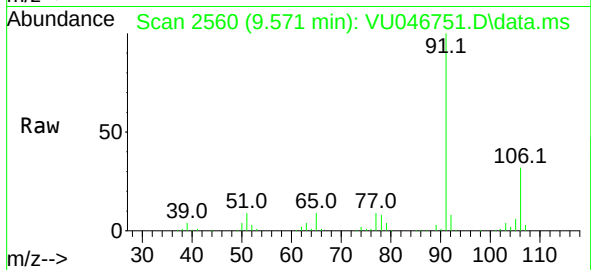




#52
Ethylbenzene
Concen: 5.467 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

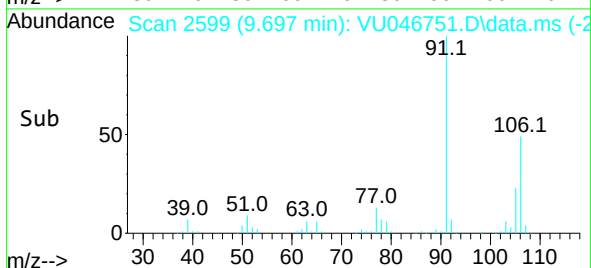
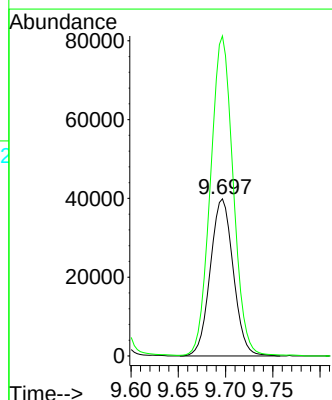
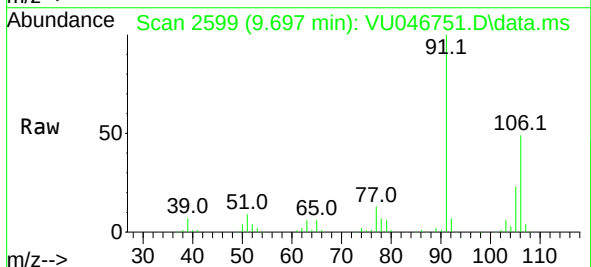
Instrument :
MSVOA_U
ClientSampleId :

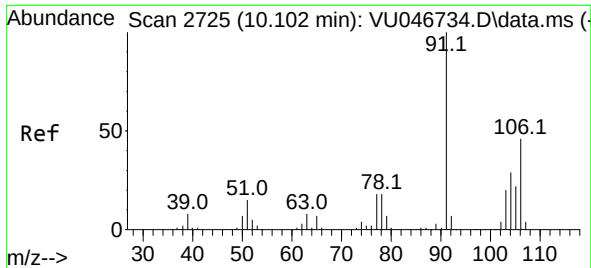
Tgt Ion: 91 Resp: 167589
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 5.744 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Tgt Ion: 106 Resp: 67452
Ion Ratio Lower Upper
106 100
91 203.7 139.4 259.0

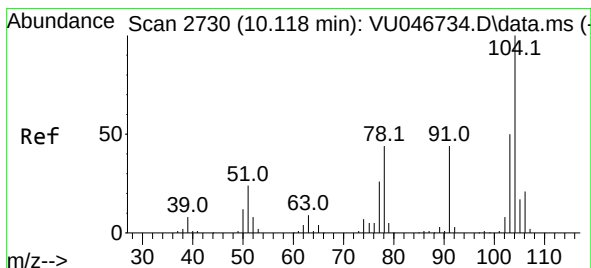
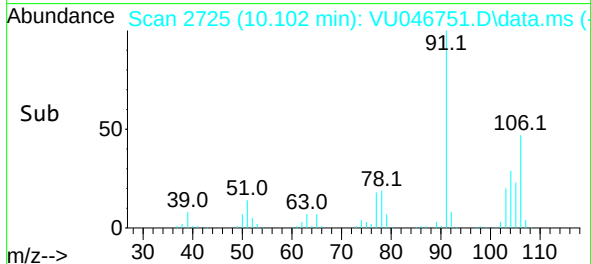
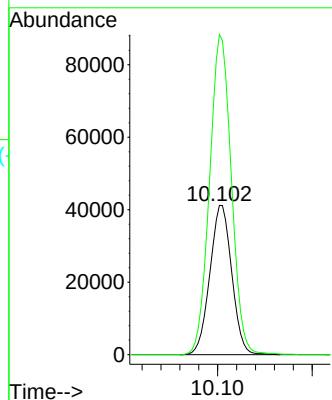
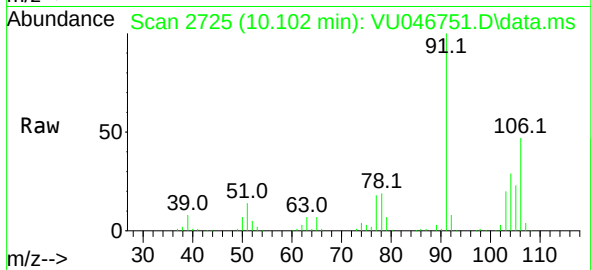




#54
o-Xylene
Concen: 5.860 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

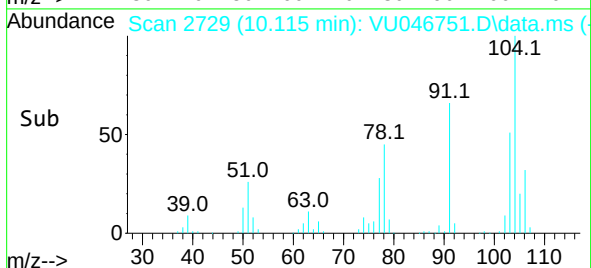
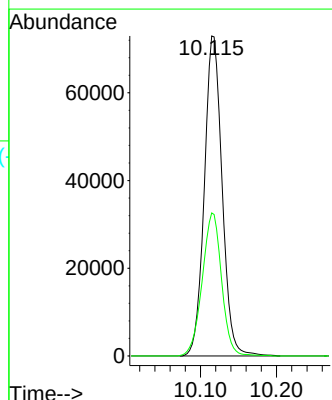
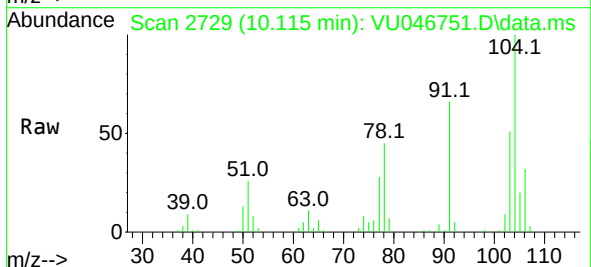
Instrument :
MSVOA_U
ClientSampleId :

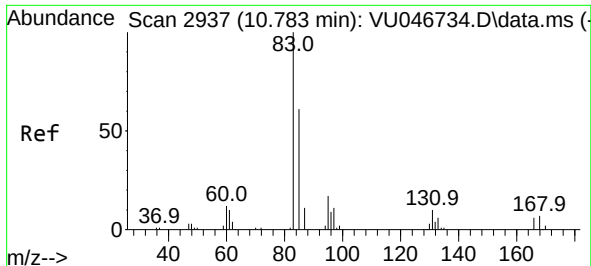
Tgt Ion:106 Resp: 66125
Ion Ratio Lower Upper
106 100
91 214.4 147.5 273.9



#55
Styrene
Concen: 6.063 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Tgt Ion:104 Resp: 118667
Ion Ratio Lower Upper
104 100
78 44.7 33.0 61.4

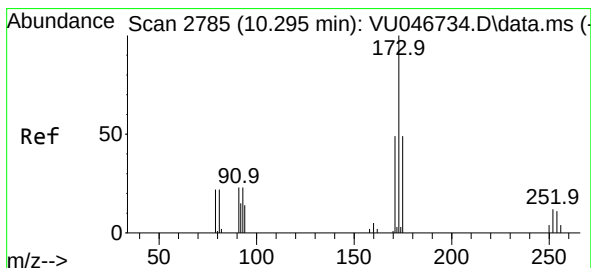
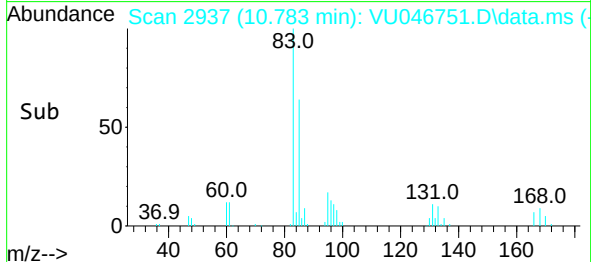
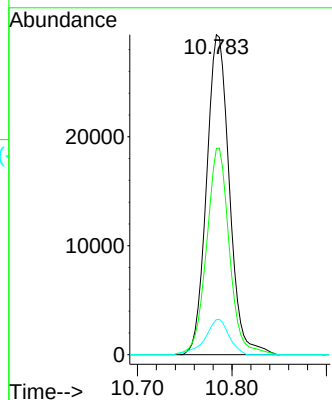
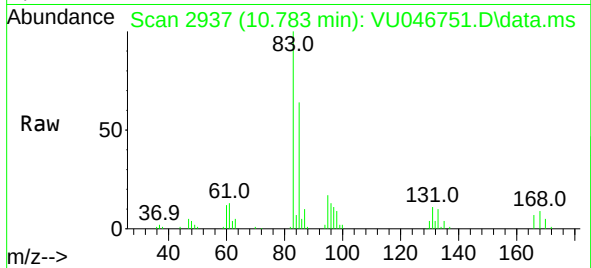




#57
1,1,2-Tetrachloroethane
Concen: 5.920 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

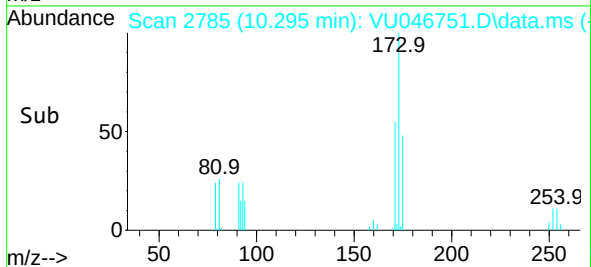
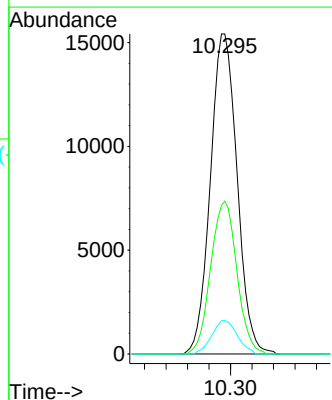
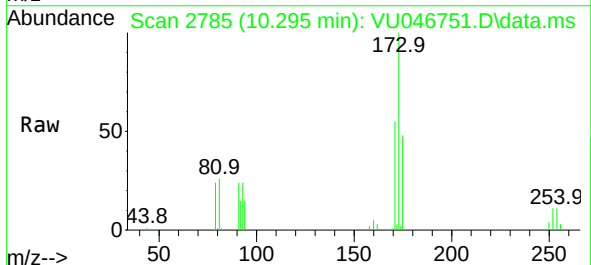
Instrument :
MSVOA_U
ClientSampleId :

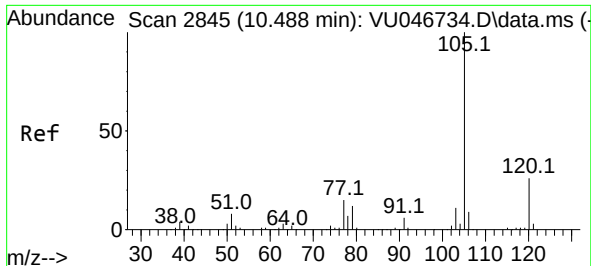
Tgt Ion: 83 Resp: 49102
Ion Ratio Lower Upper
83 100
85 64.4 47.9 89.1
131 11.0 8.1 12.1



#59
Bromoform
Concen: 5.302 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Tgt Ion: 173 Resp: 26617
Ion Ratio Lower Upper
173 100
175 46.8 37.8 56.6
254 10.0 7.3 10.9

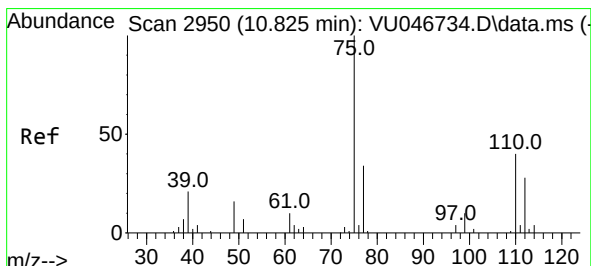
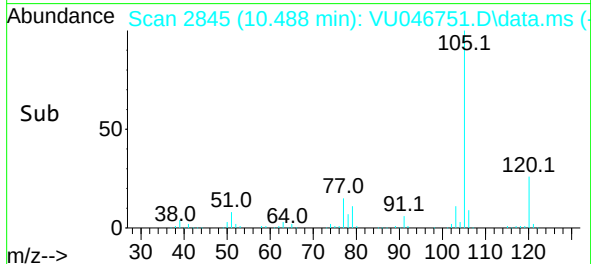
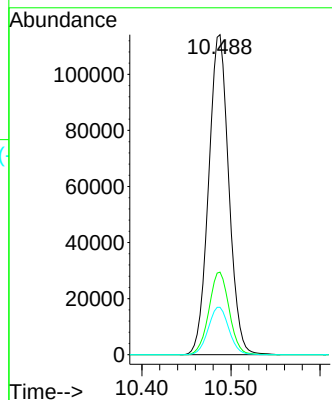
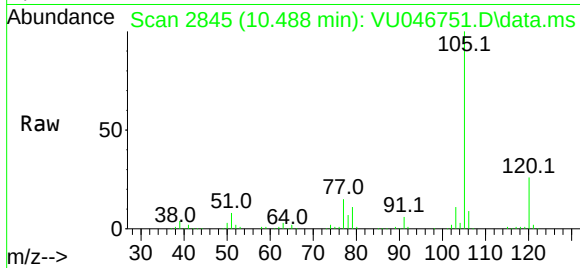




#60
Isopropylbenzene
Concen: 5.350 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

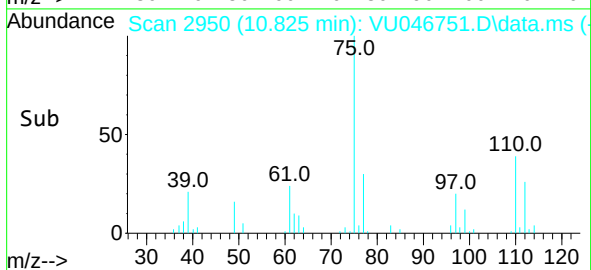
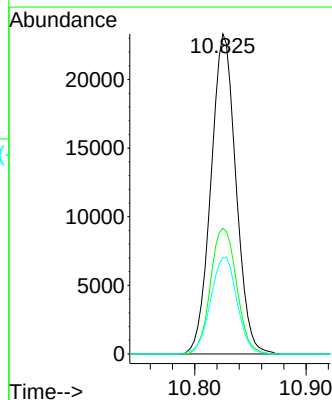
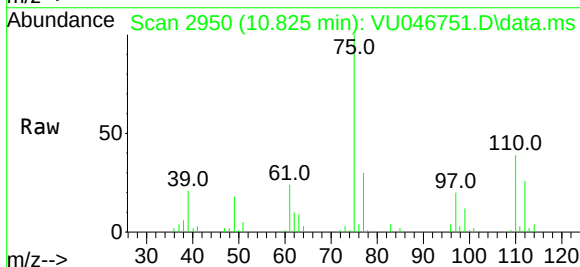
Instrument :
MSVOA_U
ClientSampleId :

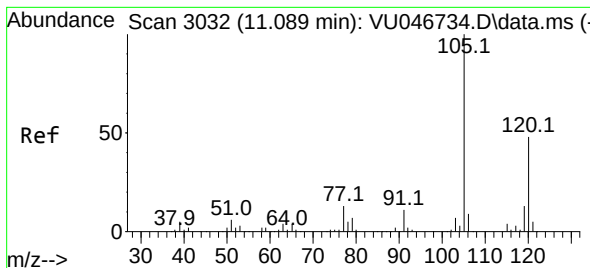
Tgt Ion:105 Resp: 179281
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.027 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Tgt Ion: 75 Resp: 36283
Ion Ratio Lower Upper
75 100
110 40.9 29.9 44.9
77 32.0 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.203 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

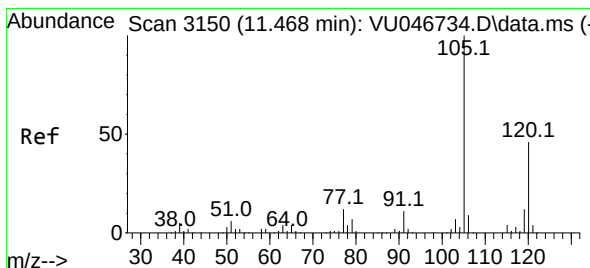
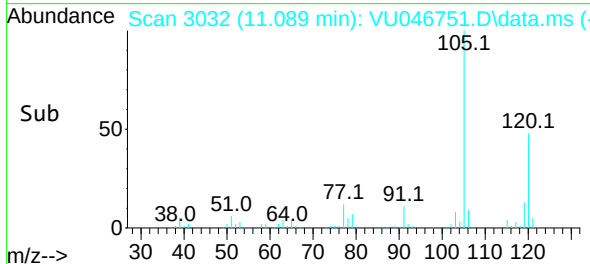
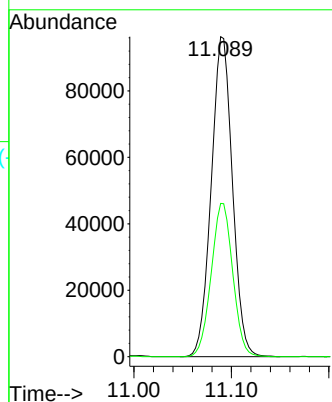
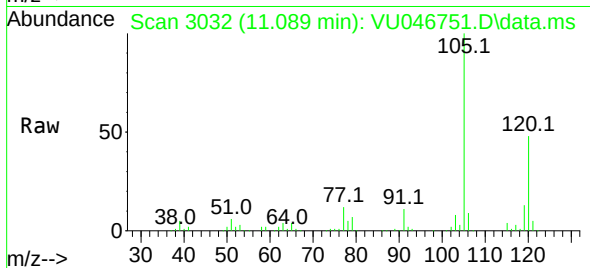
ClientSampleId :

Tgt Ion:105 Resp: 145004

Ion Ratio Lower Upper

105 100

120 48.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.424 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046751.D

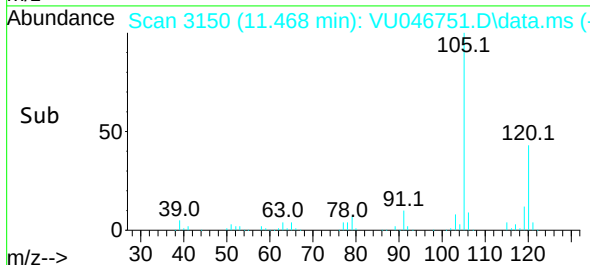
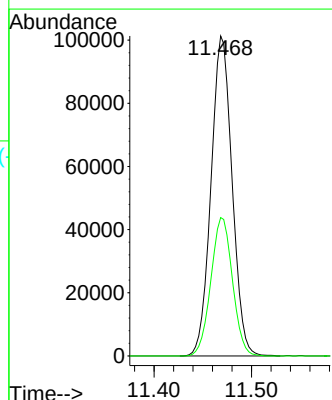
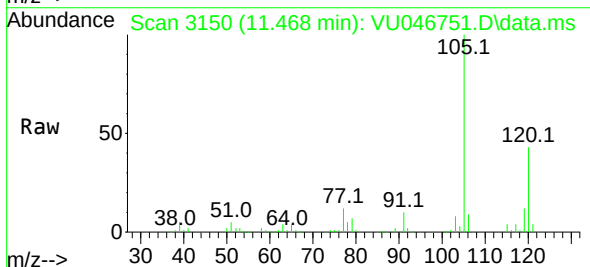
Acq: 13 Jan 2022 10:18

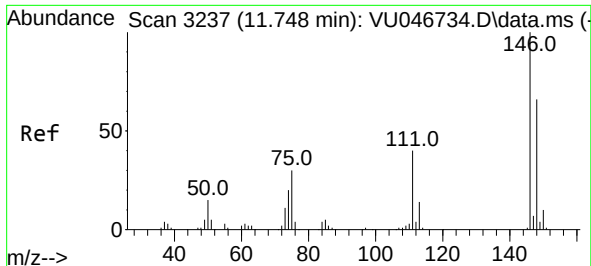
Tgt Ion:105 Resp: 152237

Ion Ratio Lower Upper

105 100

120 44.3 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 5.611 ug/L

RT: 11.748 min Scan# 3237

Delta R.T. 0.003 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

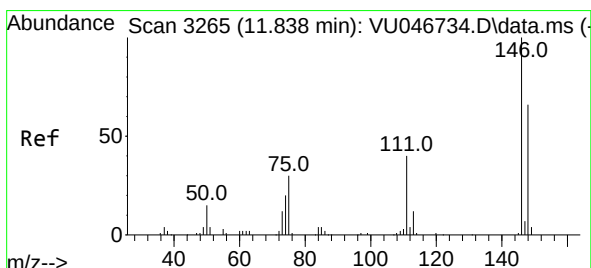
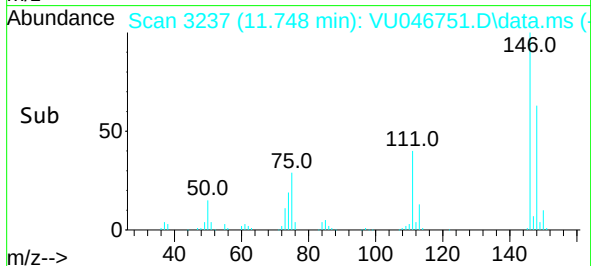
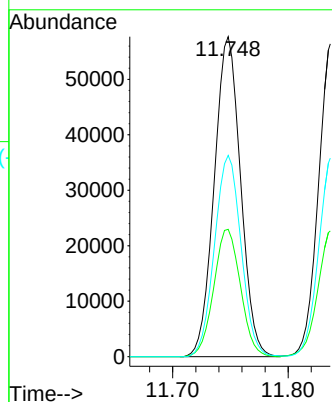
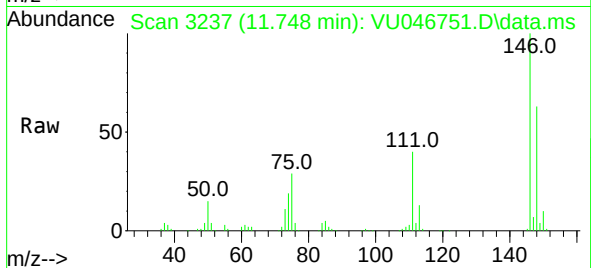
Tgt Ion:146 Resp: 91405

Ion Ratio Lower Upper

146 100

111 39.8 29.9 55.5

148 62.9 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 5.436 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

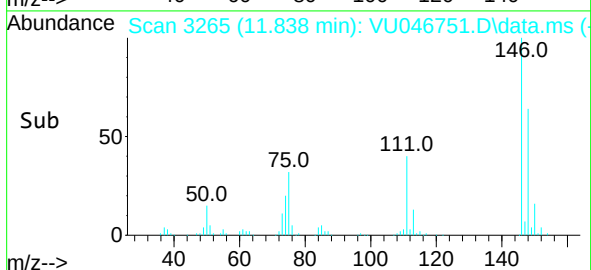
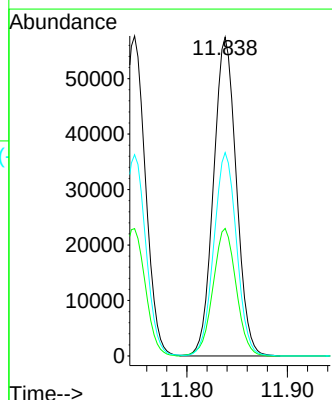
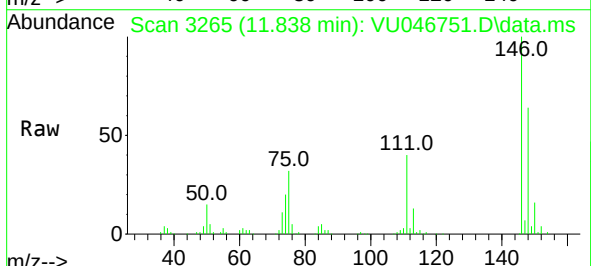
Tgt Ion:146 Resp: 90655

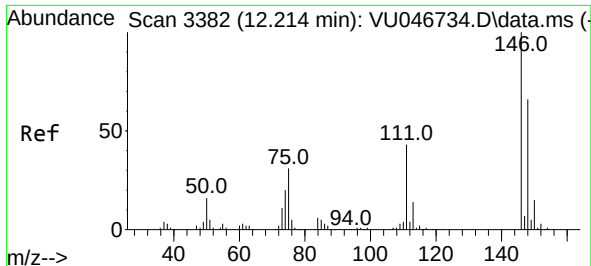
Ion Ratio Lower Upper

146 100

111 40.0 28.7 53.3

148 63.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.628 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

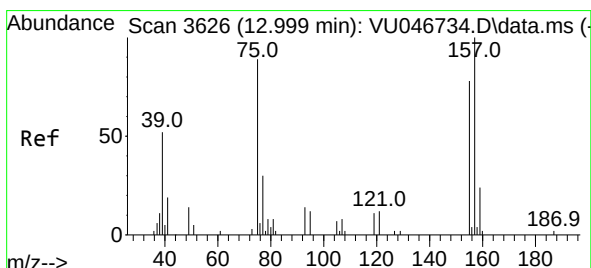
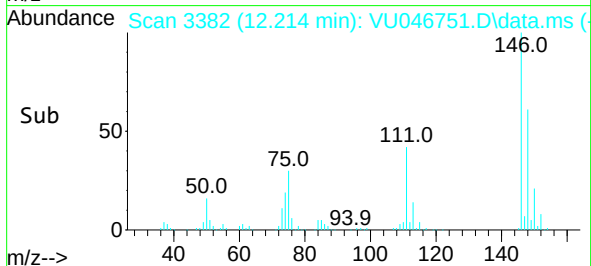
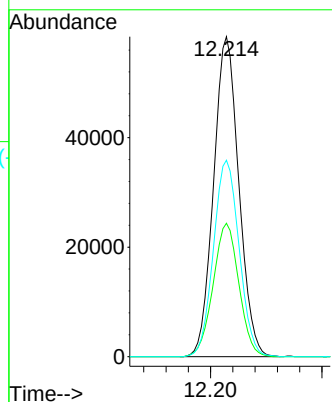
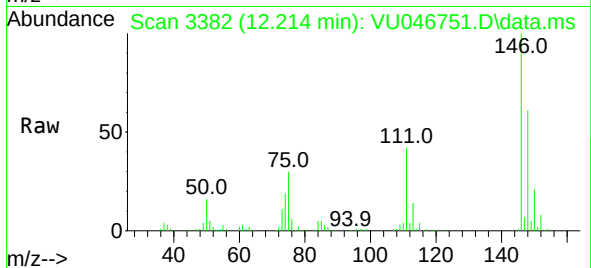
Tgt Ion:146 Resp: 91965

Ion Ratio Lower Upper

146 100

111 41.7 35.4 53.0

148 61.4 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.951 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

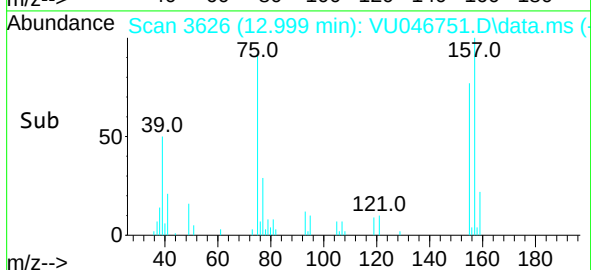
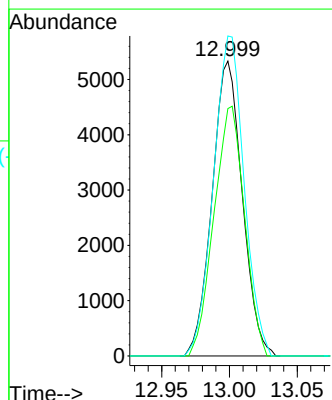
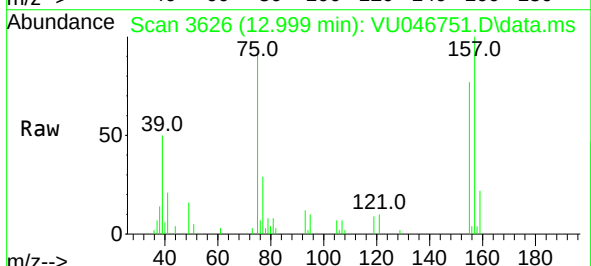
Tgt Ion: 75 Resp: 8271

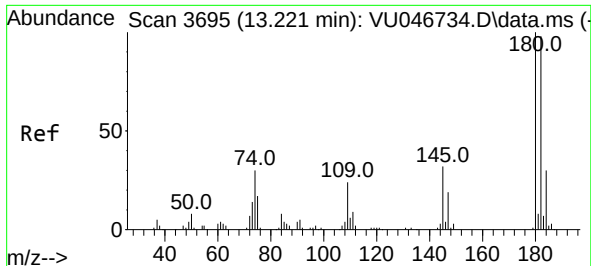
Ion Ratio Lower Upper

75 100

155 83.8 59.2 88.8

157 108.5 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 5.882 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 72514

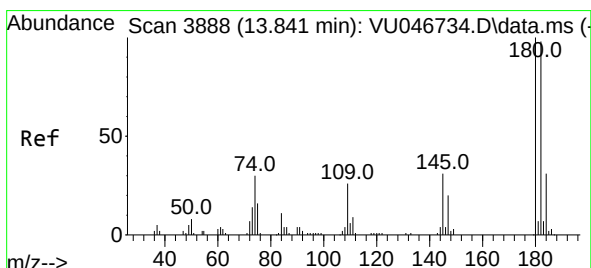
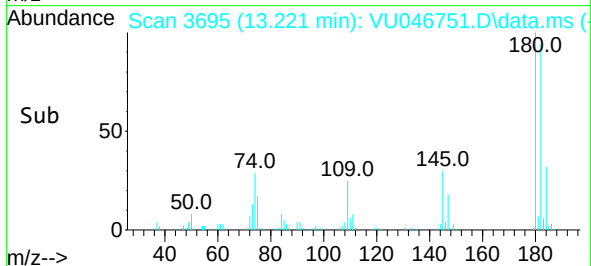
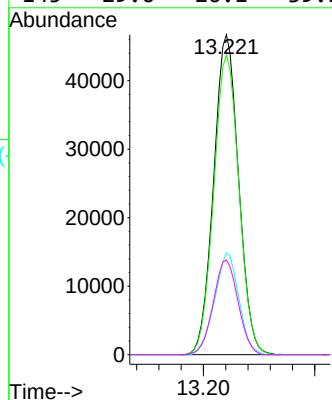
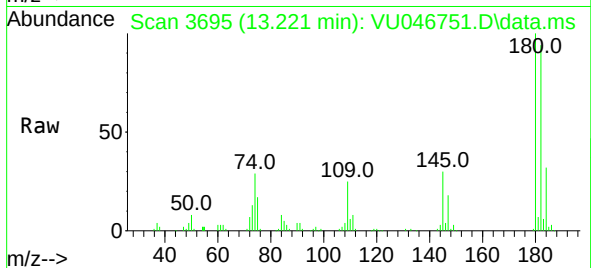
Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

184 30.8 25.0 37.4

145 29.6 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 5.772 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU046751.D

Acq: 13 Jan 2022 10:18

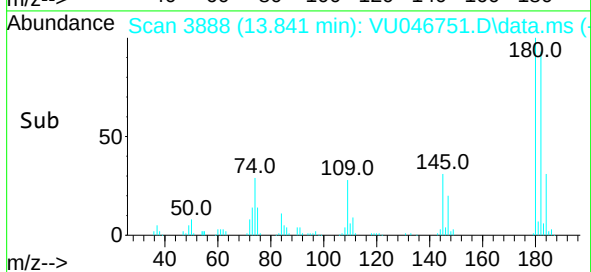
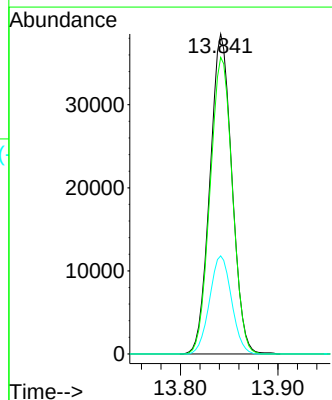
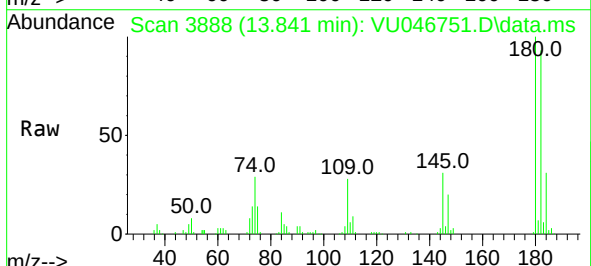
Tgt Ion:180 Resp: 60271

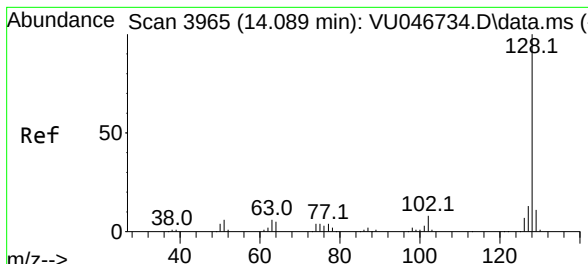
Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

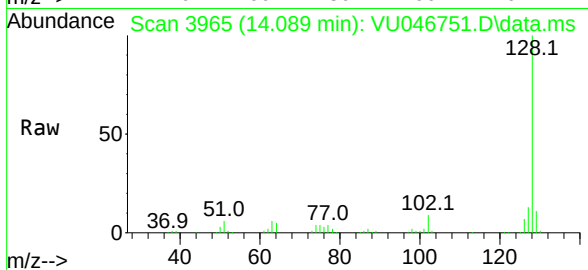
145 30.6 25.6 38.4



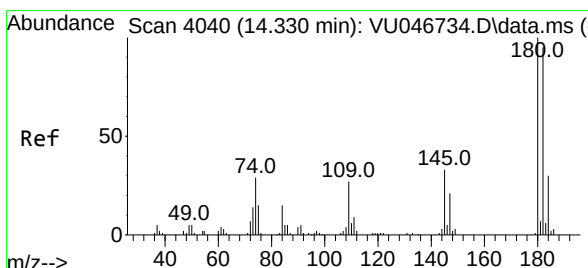
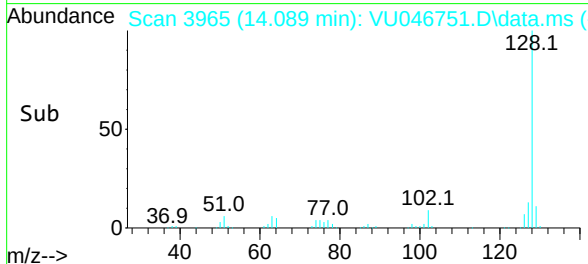
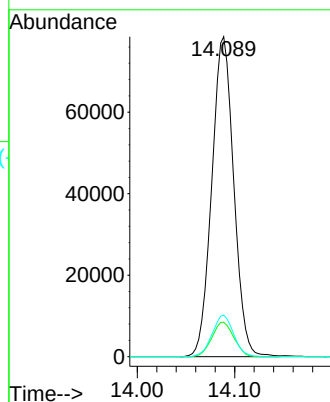


#71
Naphthalene
Concen: 5.298 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 122860
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.657 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046751.D
Acq: 13 Jan 2022 10:18

Tgt Ion:180 Resp: 58485
Ion Ratio Lower Upper
180 100
182 98.3 76.2 114.4
145 34.1 28.4 42.6

