

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046790.D
 Acq On : 18 Jan 2022 18:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 12:59:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 06:55:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	124512	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	129105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	72742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	50049	4.744	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.916	69	41266	4.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.572	65	20963	4.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.652	46	160967	51.499	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.000%
24) Chloroform-d	5.067	84	91423	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.704	65	50256	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.729	84	190239	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.694	67	57561	5.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.900	98	173219	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.179	79	24247	4.846	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.636	63	151689	51.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	57025	4.986	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	66915	4.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	61372	5.240	ug/L	99
3) Chloromethane	1.520	50	53084	5.504	ug/L	99
5) Vinyl chloride	1.607	62	53728	5.351	ug/L	99
6) Bromomethane	1.861	94	32498	5.172	ug/L	100
8) Chloroethane	1.938	64	31051	5.372	ug/L	99
9) Trichlorofluoromethane	2.144	101	66379	5.425	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	38604	5.306	ug/L	94
12) 1,1-Dichloroethene	2.585	96	37325	5.369	ug/L	86
13) Acetone	2.675	43	81166	47.745	ug/L	90
14) Carbon disulfide	2.797	76	118290	5.180	ug/L	100
15) Methyl Acetate	2.964	43	13731	3.698	ug/L #	71
16) Methylene chloride	3.051	84	43456	5.176	ug/L	92
17) Methyl tert-butyl Ether	3.366	73	101952	5.227	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	39798	5.285	ug/L	91
19) 1,1-Dichloroethane	3.874	63	67973	5.377	ug/L	97
21) 2-Butanone	4.733	43	138324	50.594	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	42095	5.299	ug/L	95
23) Bromochloromethane	4.980	128	21249	5.437	ug/L	89
25) Chloroform	5.089	83	75081	3.742	ug/L	96

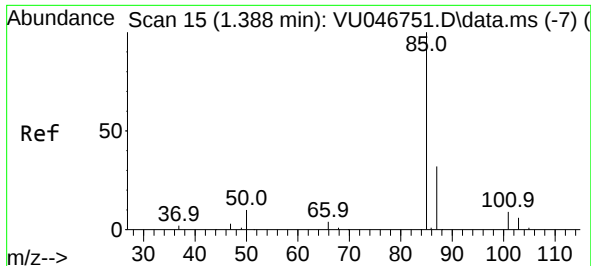
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	48480	5.474	ug/L	98
29) 1,1,1-Trichloroethane	5.318	97	61051	5.250	ug/L	97
30) Cyclohexane	5.392	56	64180	5.441	ug/L	97
31) Carbon tetrachloride	5.527	117	51986	5.210	ug/L	99
33) Benzene	5.778	78	160259	5.272	ug/L	100
34) Trichloroethene	6.543	95	41474	5.255	ug/L	96
35) Methylcyclohexane	6.765	83	69301	5.242	ug/L	95
37) 1,2-Dichloropropane	6.794	63	40217	5.393	ug/L	98
38) Bromodichloromethane	7.109	83	52328	4.876	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	61104	5.252	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	293998	53.781	ug/L	95
42) Toluene	7.970	91	184520	5.079	ug/L	99
44) trans-1,3-Dichloropropene	8.212	75	53869	5.197	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	34638	5.460	ug/L	95
47) Tetrachloroethene	8.556	164	33762	5.260	ug/L	90
48) 2-Hexanone	8.687	43	220851	53.523	ug/L	96
49) Dibromochloromethane	8.813	129	38685	5.170	ug/L	100
50) 1,2-Dibromoethane	8.925	107	34031	5.292	ug/L	96
51) Chlorobenzene	9.449	112	111500	5.284	ug/L	95
52) Ethylbenzene	9.572	91	182601	5.286	ug/L	100
53) m,p-Xylene	9.694	106	73765	5.357	ug/L	99
54) o-Xylene	10.102	106	70344	5.270	ug/L	99
55) Styrene	10.115	104	118928	5.447	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	44807	5.252	ug/L	95
59) Bromoform	10.292	173	23502	5.247	ug/L	99
60) Isopropylbenzene	10.485	105	185142	5.464	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	32732	5.311	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	149006	5.357	ug/L	98
63) 1,2,4-Trimethylbenzene	11.469	105	155305	5.426	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	87825	5.185	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	89763	5.266	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	87480	5.340	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	6580	5.143	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.218	180	67267	5.037	ug/L	98
70) 1,2,4-trichlorobenzene	13.842	180	54625	4.893	ug/L	99
71) Naphthalene	14.089	128	106754	4.697	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	53465	5.070	ug/L	99

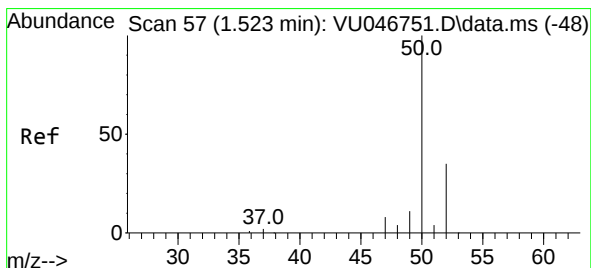
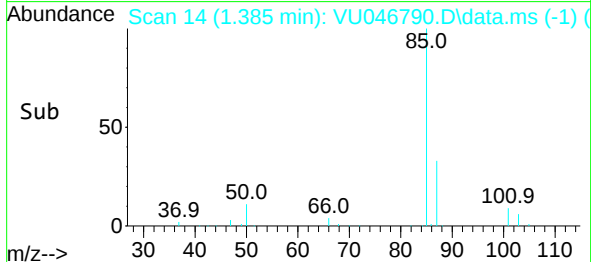
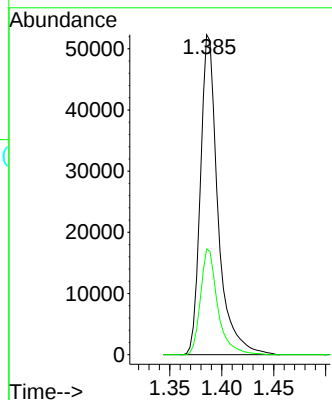
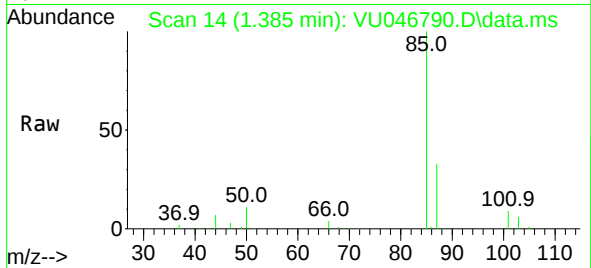
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#2
 Dichlorodifluoromethane
 Concen: 5.240 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU046790.D
 Acq: 18 Jan 2022 18:57

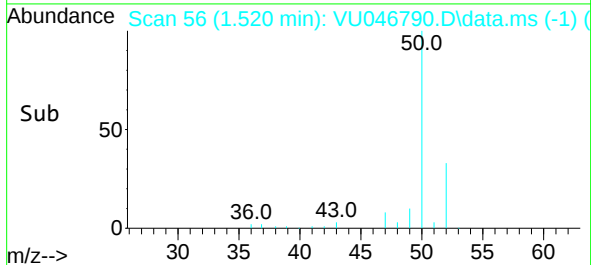
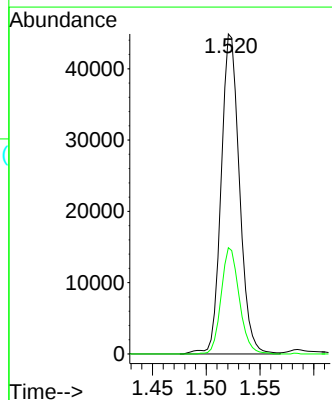
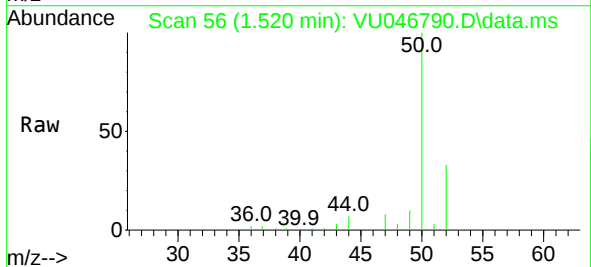
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 ClientSampleId :

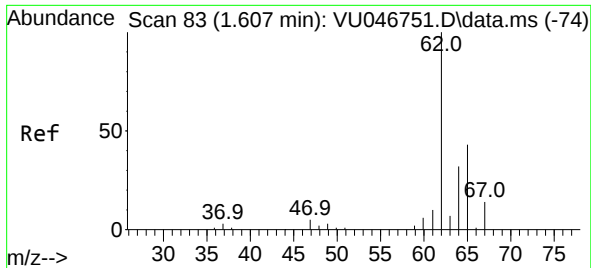
Tgt Ion: 85 Resp: 61372
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 5.504 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU046790.D
 Acq: 18 Jan 2022 18:57

Tgt Ion: 50 Resp: 53084
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.8

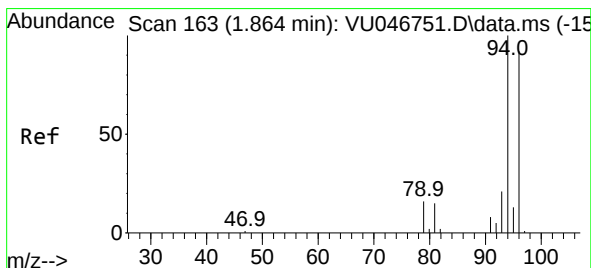
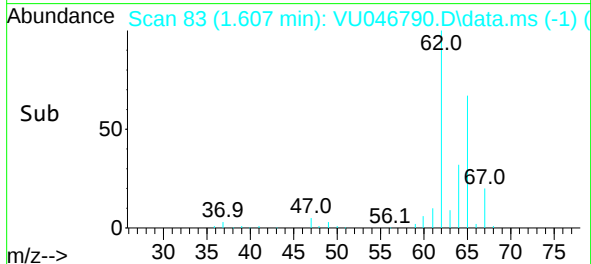
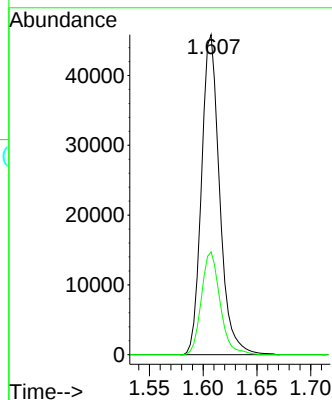
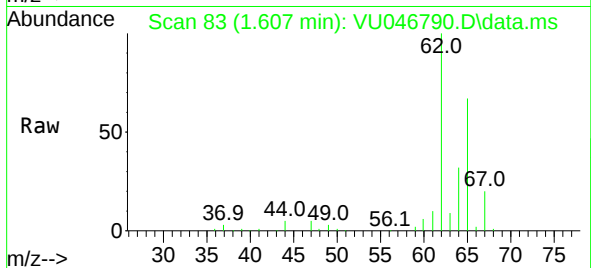




#5
 Vinyl chloride
 Concen: 5.351 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU046790.D
 Acq: 18 Jan 2022 18:57

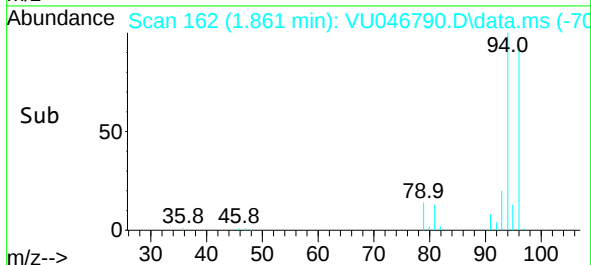
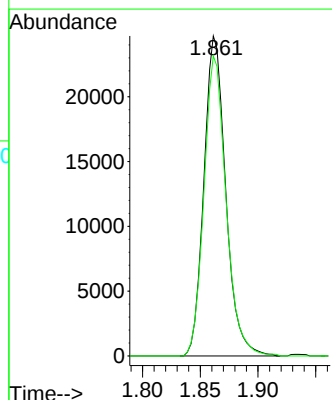
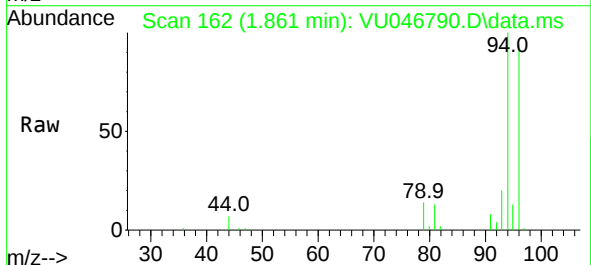
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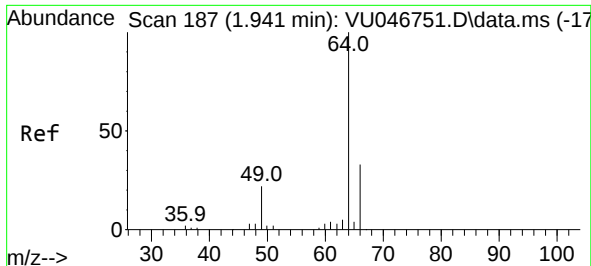
Tgt Ion: 62 Resp: 53728
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.9 42.5



#6
 Bromomethane
 Concen: 5.172 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU046790.D
 Acq: 18 Jan 2022 18:57

Tgt Ion: 94 Resp: 32498
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.5 121.6

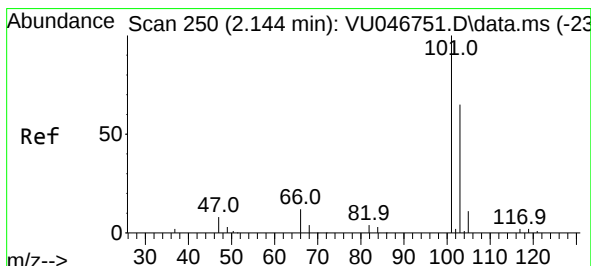
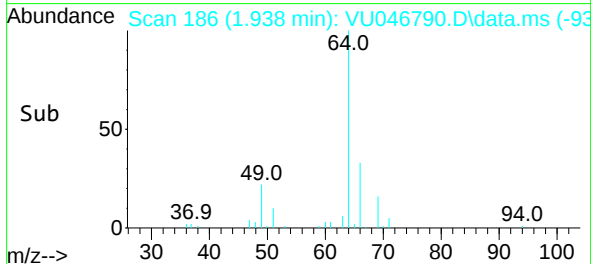
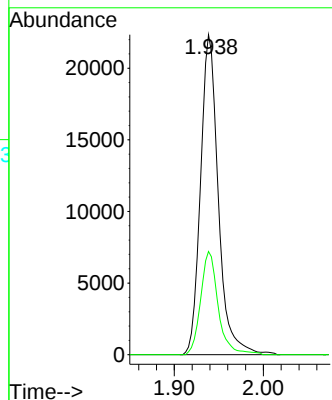
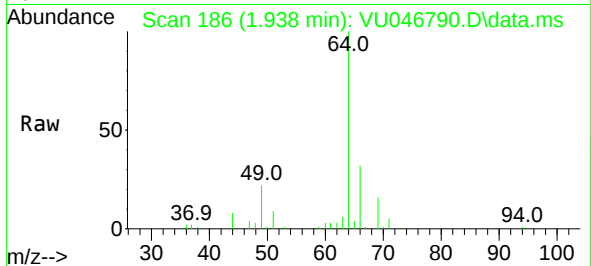




#8
Chloroethane
Concen: 5.372 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

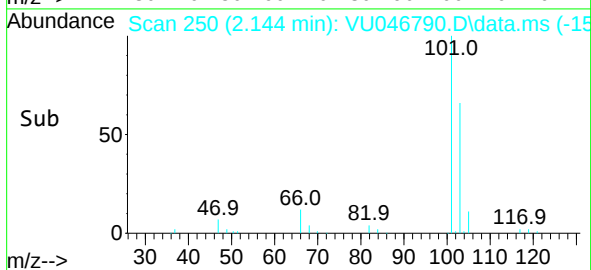
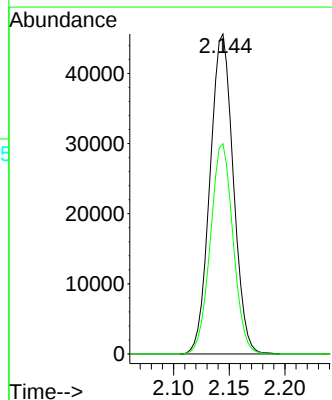
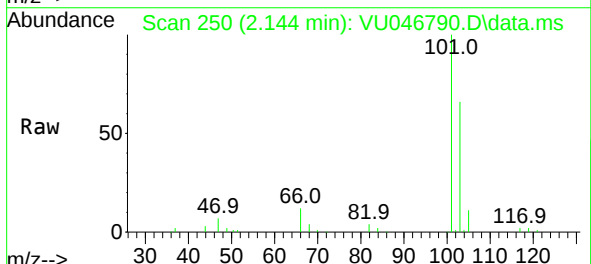
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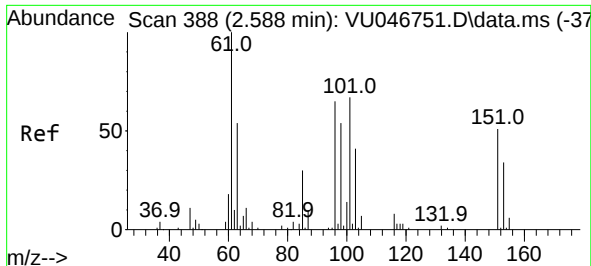
Tgt Ion: 64 Resp: 31051
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.425 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Tgt Ion:101 Resp: 66379
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

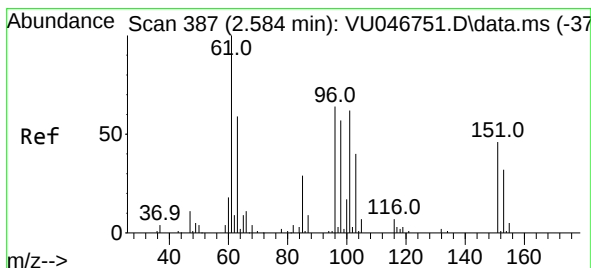
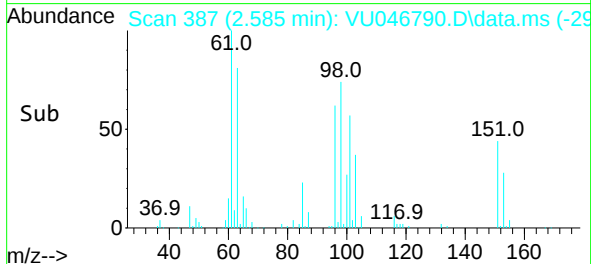
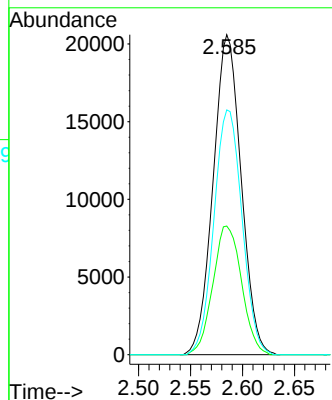
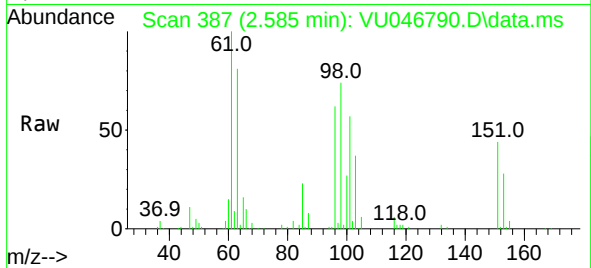




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.306 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.001 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

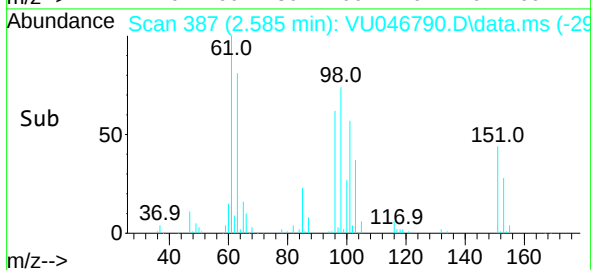
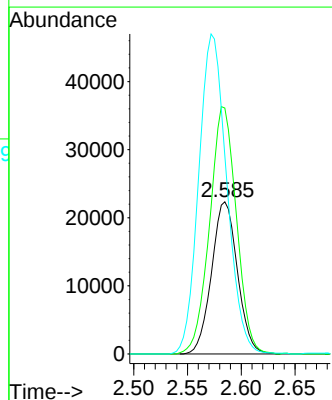
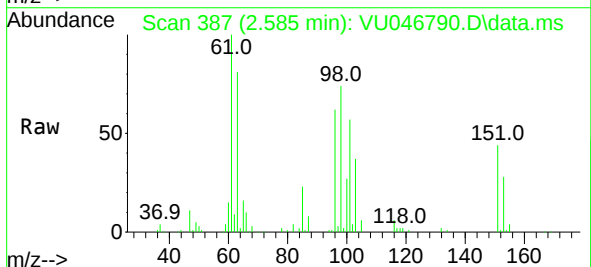
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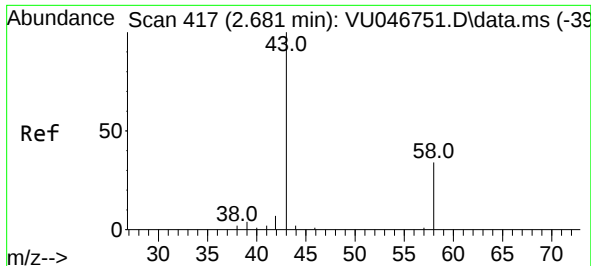
Tgt Ion:101 Resp: 38604
Ion Ratio Lower Upper
101 100
85 41.2 34.6 51.8
151 76.9 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.369 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Tgt Ion: 96 Resp: 37325
Ion Ratio Lower Upper
96 100
61 161.7 124.7 231.5
63 130.3 105.2 195.4





#13

Acetone

Concen: 47.745 ug/L

RT: 2.675 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

Instrument :

MSVOA_U

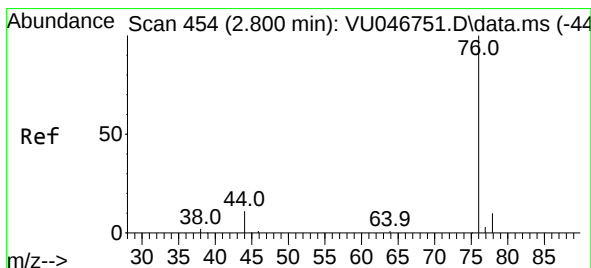
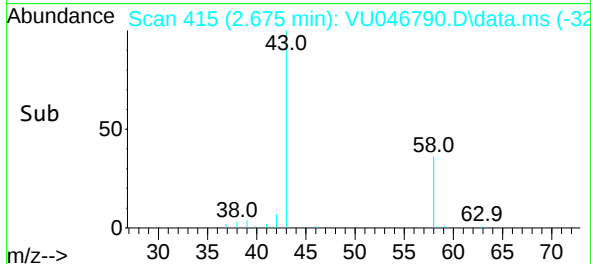
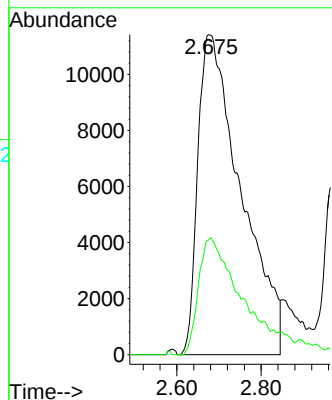
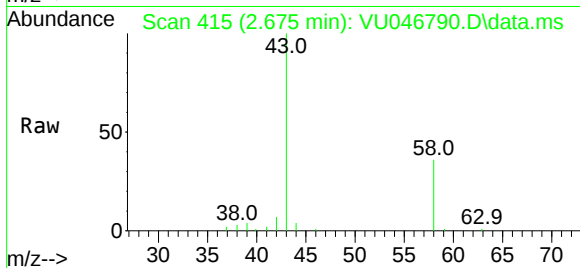
ClientSampleId :

Tgt Ion: 43 Resp: 81166

Ion Ratio Lower Upper

43 100

58 30.1 0.0 71.6



#14

Carbon disulfide

Concen: 5.180 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU046790.D

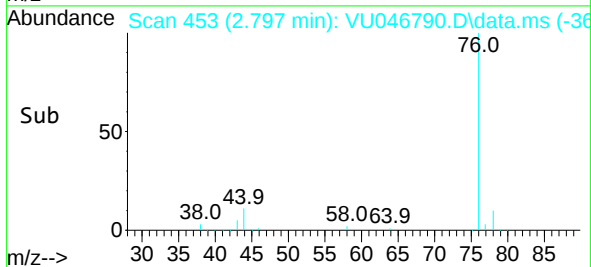
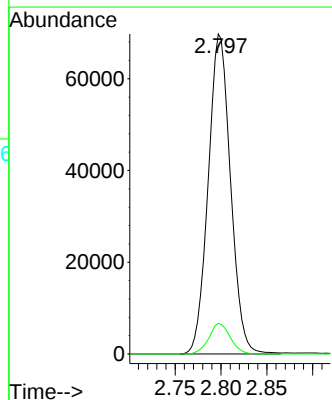
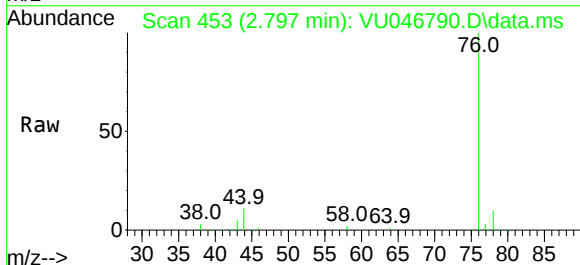
Acq: 18 Jan 2022 18:57

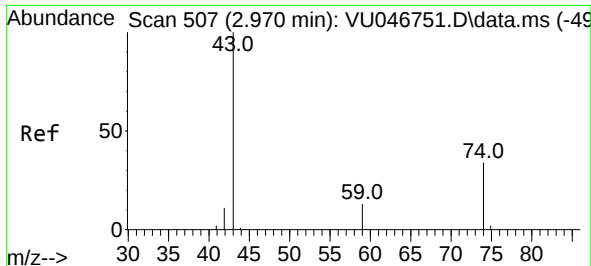
Tgt Ion: 76 Resp: 118290

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

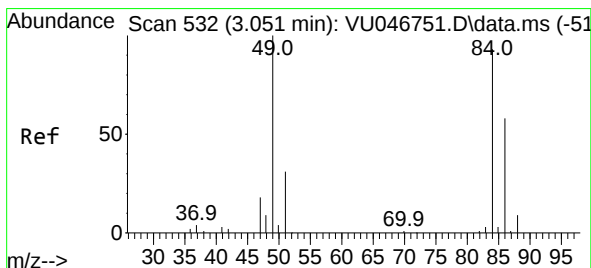
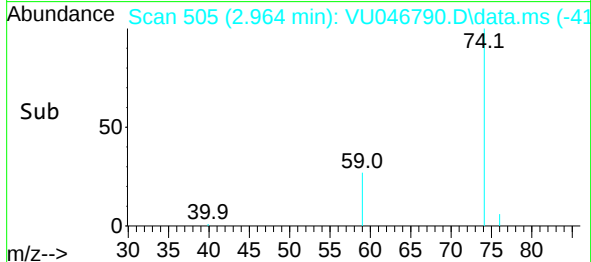
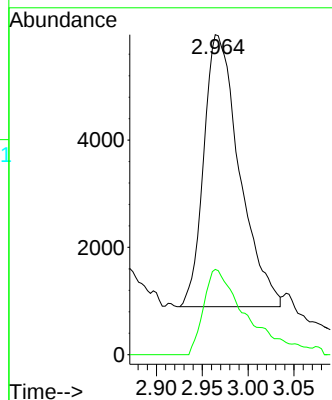
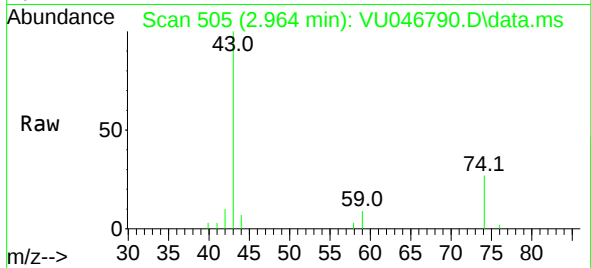




#15
Methyl Acetate
Concen: 3.698 ug/L
RT: 2.964 min Scan# 507
Delta R.T. -0.006 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

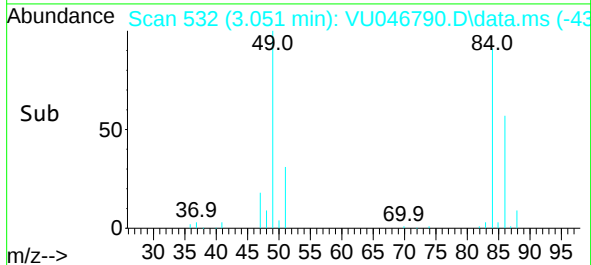
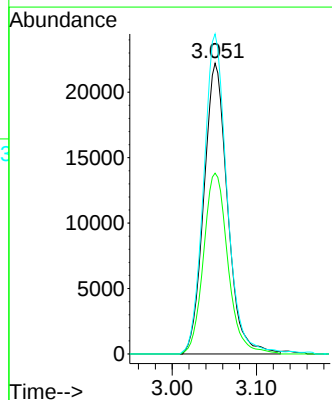
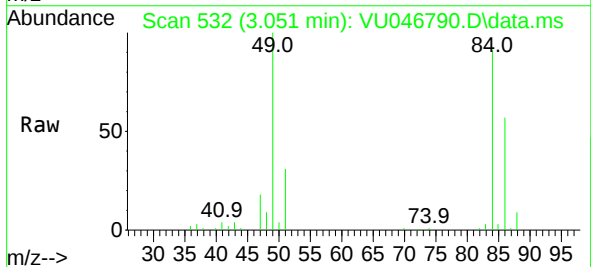
Instrument :
MSVOA_U
ClientSampleId :

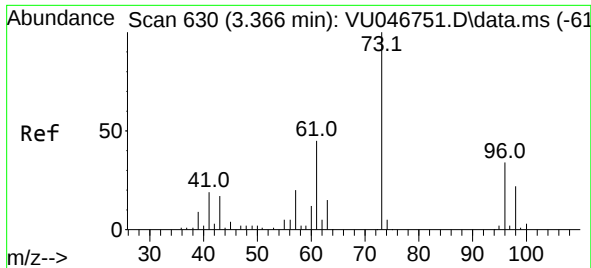
Tgt Ion: 43 Resp: 13731
Ion Ratio Lower Upper
43 100
74 38.0 19.1 28.7#



#16
Methylene chloride
Concen: 5.176 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

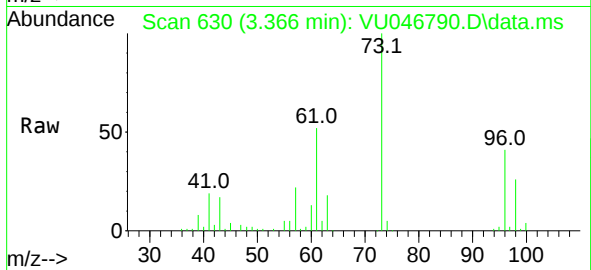
Tgt Ion: 84 Resp: 43456
Ion Ratio Lower Upper
84 100
86 62.2 45.8 85.0
49 110.0 84.5 156.9



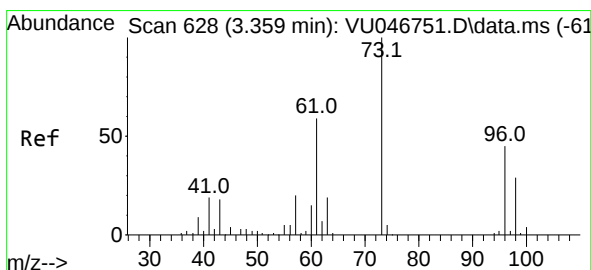
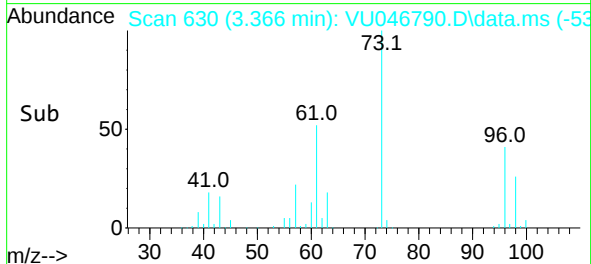
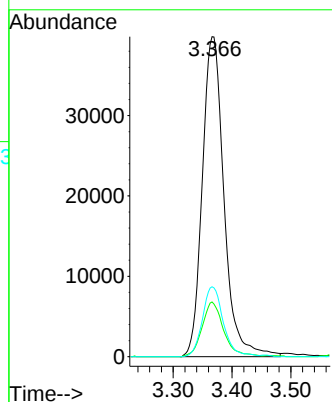


#17
Methyl tert-butyl Ether
Concen: 5.227 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Instrument :
MSVOA_U
ClientSampleId :

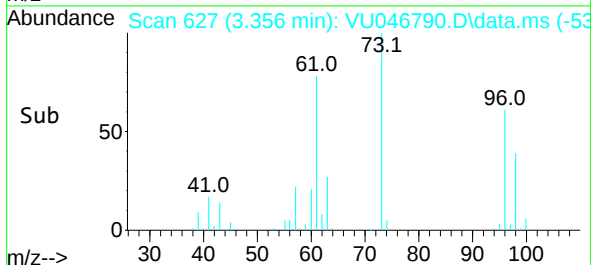
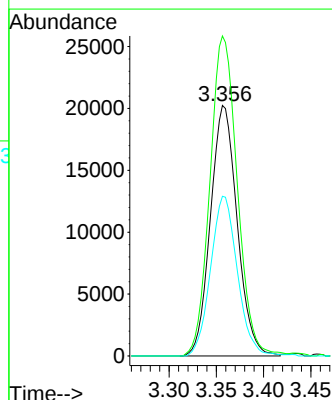
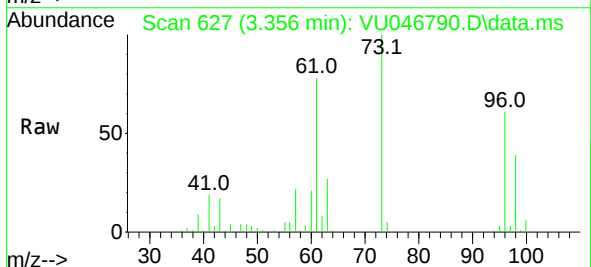


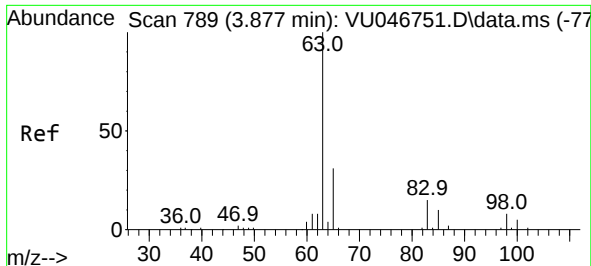
Tgt Ion: 73 Resp: 101952
Ion Ratio Lower Upper
73 100
43 17.0 14.8 22.2
57 21.0 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.285 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Tgt Ion: 96 Resp: 39798
Ion Ratio Lower Upper
96 100
61 127.7 100.8 187.2
98 63.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.377 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

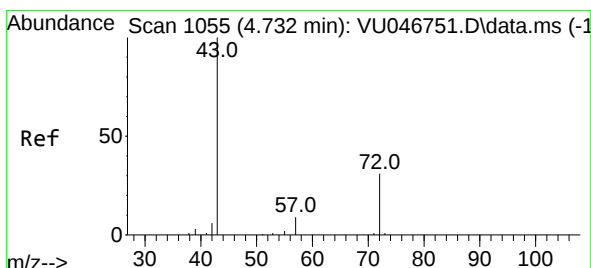
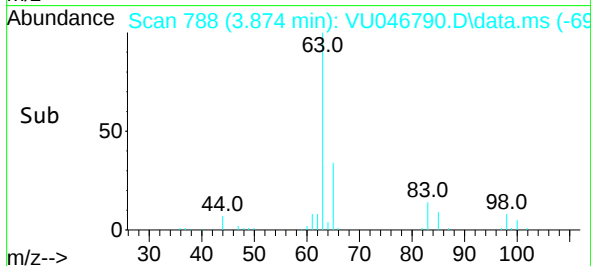
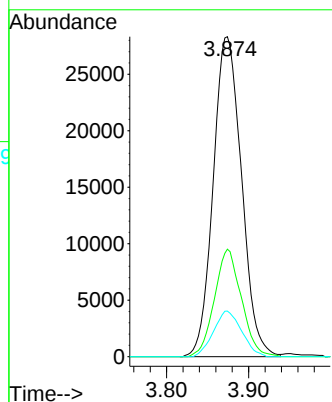
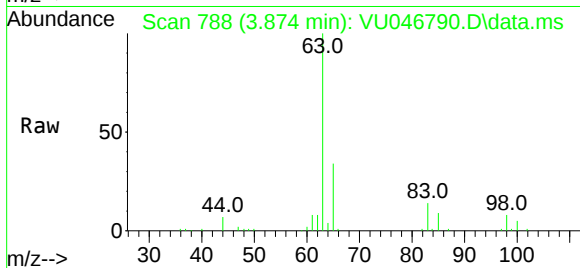
Tgt Ion: 63 Resp: 67973

Ion Ratio Lower Upper

63 100

65 33.6 22.3 41.5

83 14.3 9.6 17.8



#21

2-Butanone

Concen: 50.594 ug/L

RT: 4.733 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VU046790.D

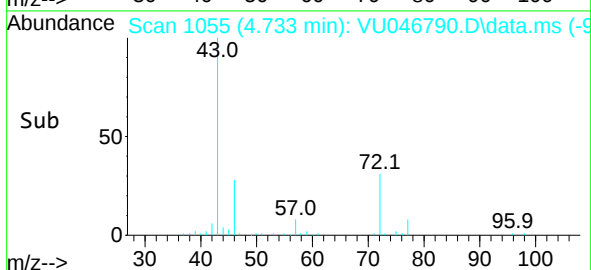
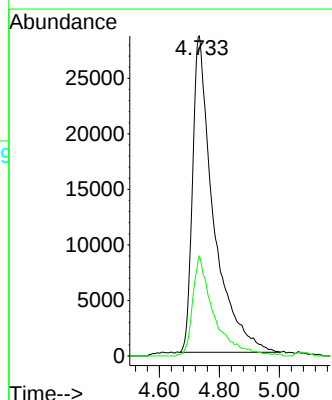
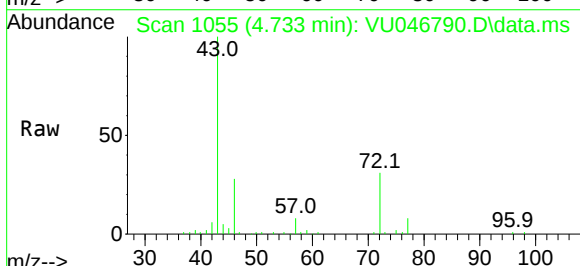
Acq: 18 Jan 2022 18:57

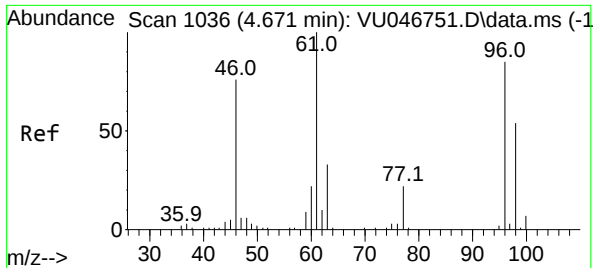
Tgt Ion: 43 Resp: 138324

Ion Ratio Lower Upper

43 100

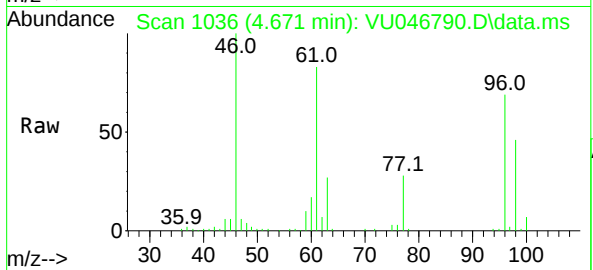
72 29.2 14.1 42.3



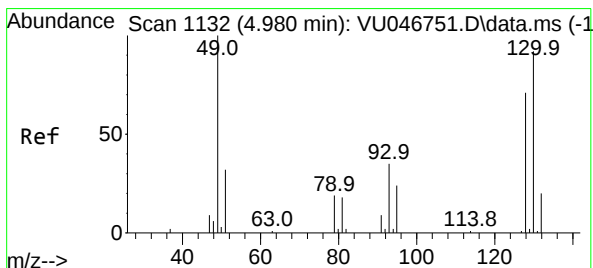
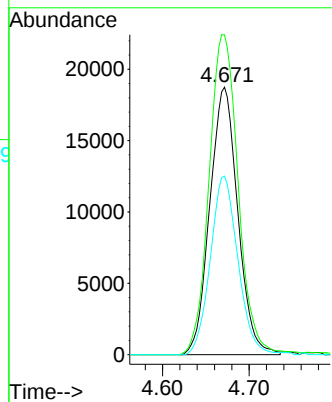
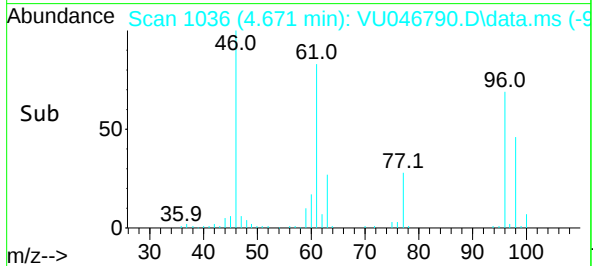


#22
cis-1,2-Dichloroethene
Concen: 5.299 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

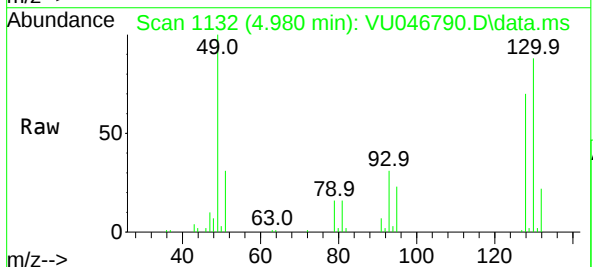
Instrument :
MSVOA_U
ClientSampleId :



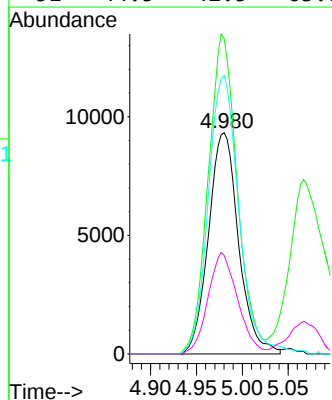
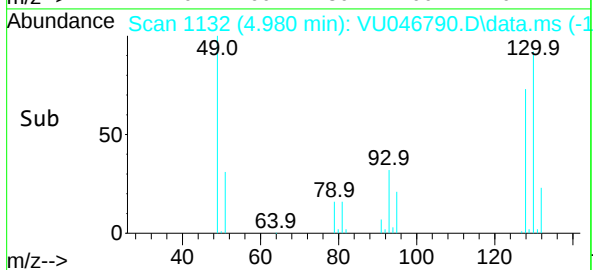
Tgt Ion: 96 Resp: 42095
Ion Ratio Lower Upper
96 100
61 119.6 88.5 164.3
98 66.8 44.4 82.5

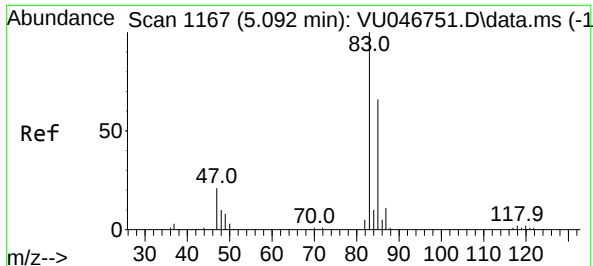


#23
Bromochloromethane
Concen: 5.437 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57



Tgt Ion: 128 Resp: 21249
Ion Ratio Lower Upper
128 100
49 142.5 117.0 217.2
130 125.9 88.2 163.8
51 44.5 42.5 63.7





#25

Chloroform

Concen: 3.742 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

Instrument :

MSVOA_U

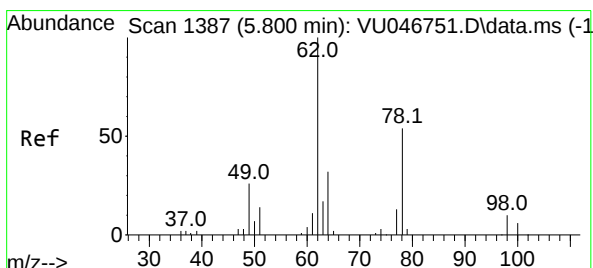
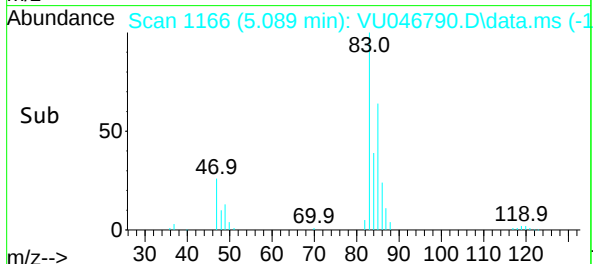
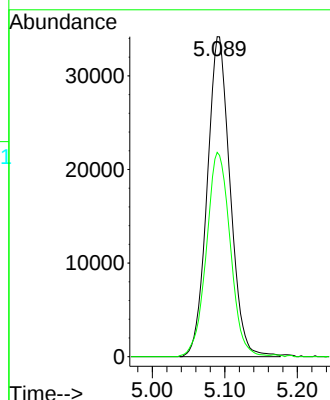
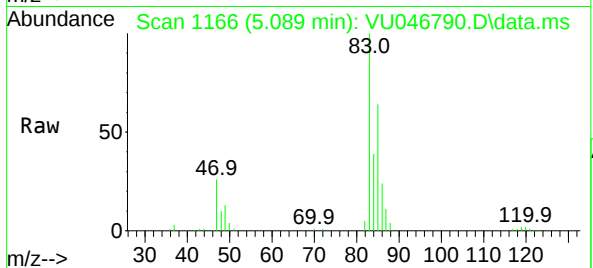
ClientSampleId :

Tgt Ion: 83 Resp: 75081

Ion Ratio Lower Upper

83 100

85 63.9 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.474 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046790.D

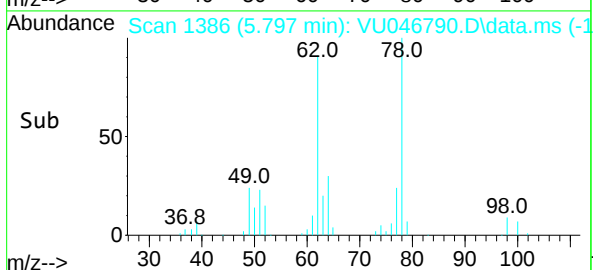
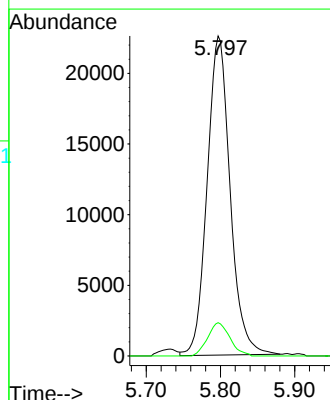
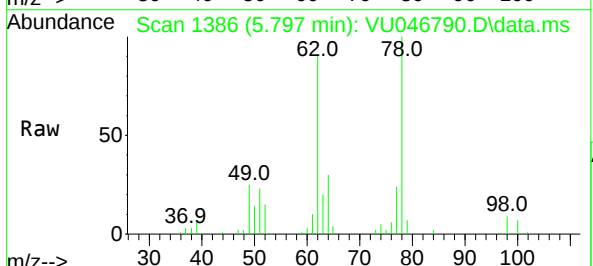
Acq: 18 Jan 2022 18:57

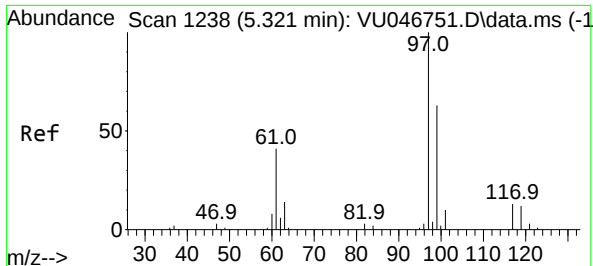
Tgt Ion: 62 Resp: 48480

Ion Ratio Lower Upper

62 100

98 10.4 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.250 ug/L

RT: 5.318 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

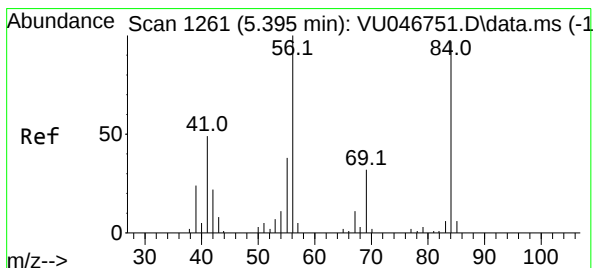
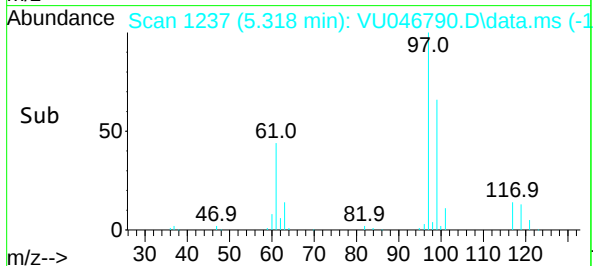
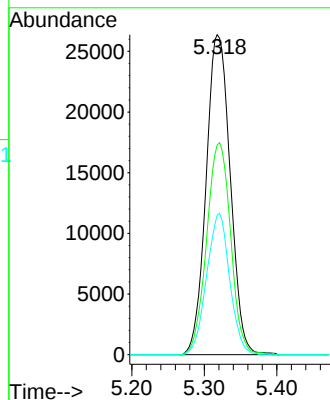
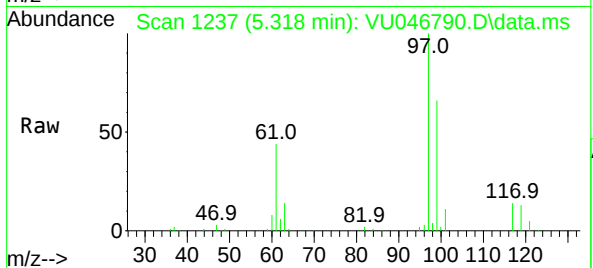
Tgt Ion: 97 Resp: 61051

Ion Ratio Lower Upper

97 100

99 65.9 51.3 76.9

61 42.2 36.1 54.1



#30

Cyclohexane

Concen: 5.441 ug/L

RT: 5.392 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

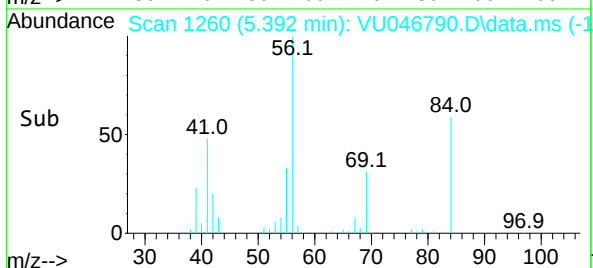
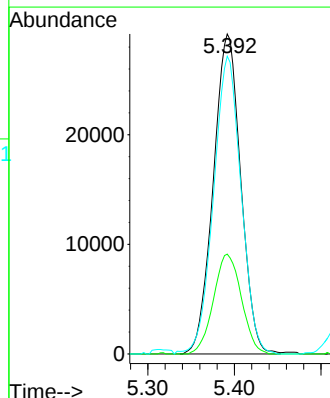
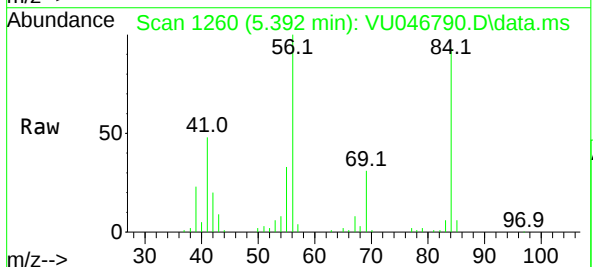
Tgt Ion: 56 Resp: 64180

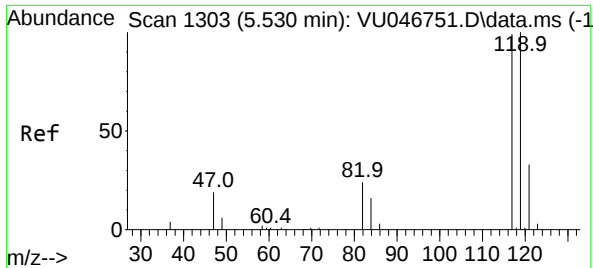
Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

84 93.5 71.8 107.6

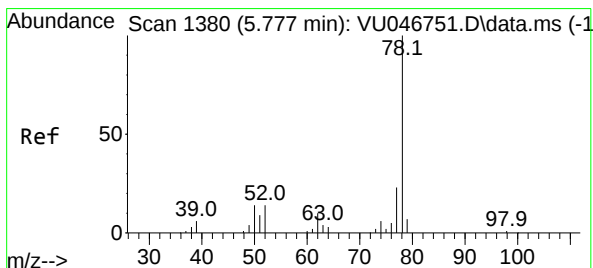
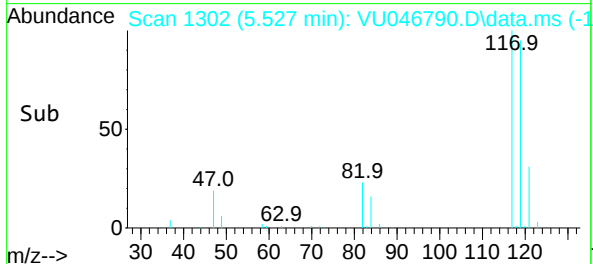
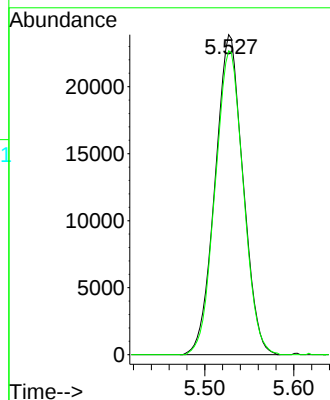
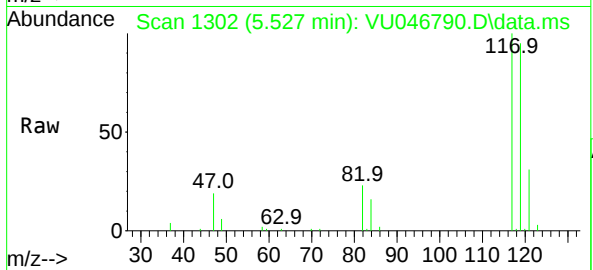




#31
Carbon tetrachloride
Concen: 5.210 ug/L
RT: 5.527 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

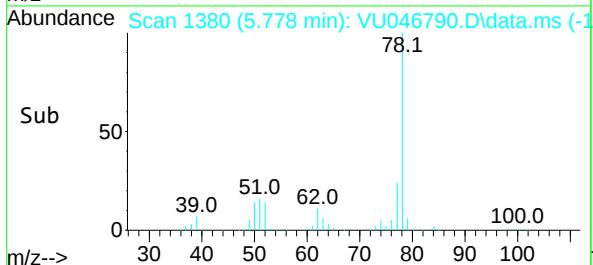
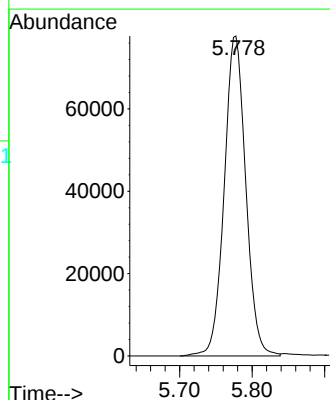
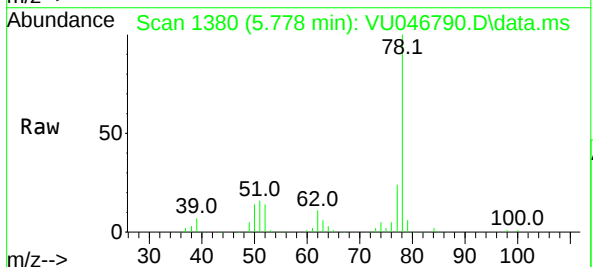
Instrument :
MSVOA_U
ClientSampleId :

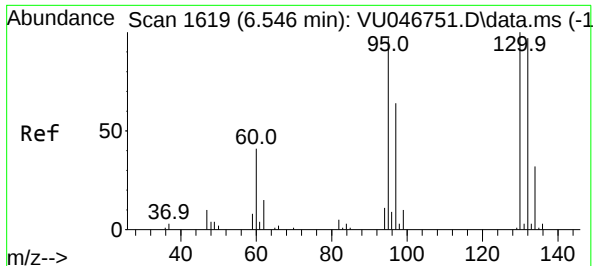
Tgt Ion:117 Resp: 51986
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 5.272 ug/L
RT: 5.778 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

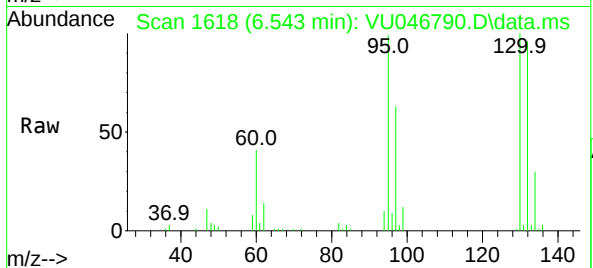
Tgt Ion: 78 Resp: 160259





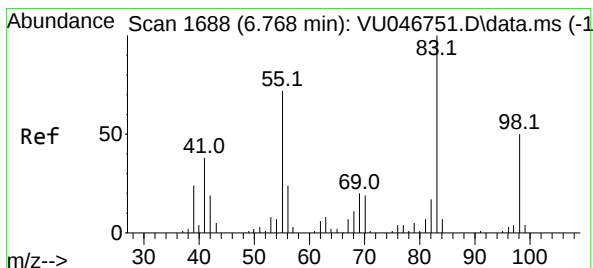
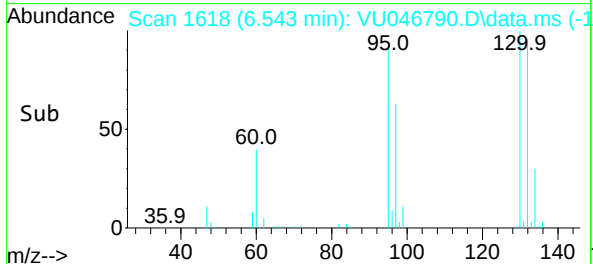
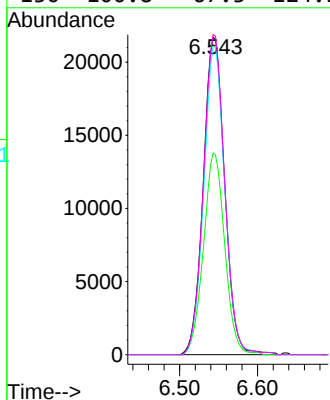
#34
Trichloroethene
Concen: 5.255 ug/L
RT: 6.543 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 41474

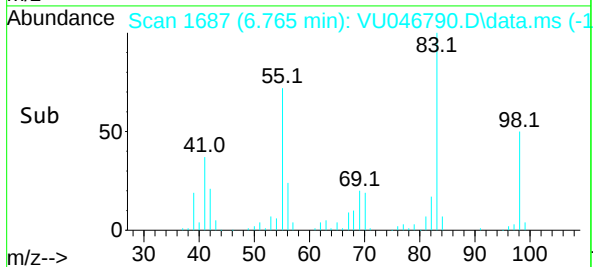
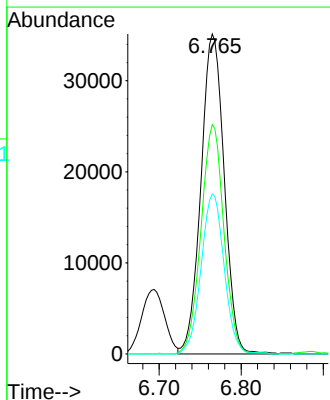
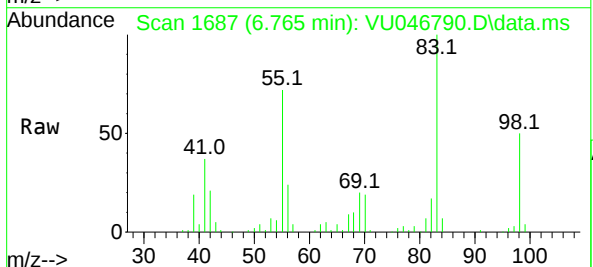
Ion	Ratio	Lower	Upper
95	100		
97	63.5	46.5	86.5
132	97.1	65.1	120.9
130	100.8	67.3	124.9

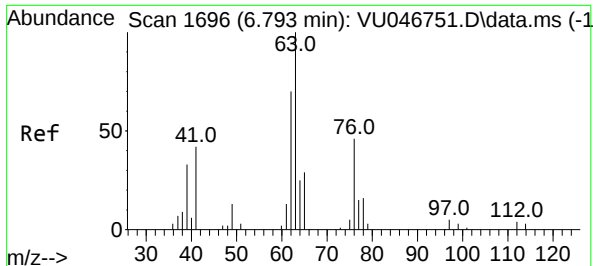


#35
Methylcyclohexane
Concen: 5.242 ug/L
RT: 6.765 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Tgt Ion: 83 Resp: 69301

Ion	Ratio	Lower	Upper
83	100		
55	70.5	61.9	92.9
98	49.6	39.0	58.6





#37

1,2-Dichloropropane

Concen: 5.393 ug/L

RT: 6.794 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

Instrument :

MSVOA_U

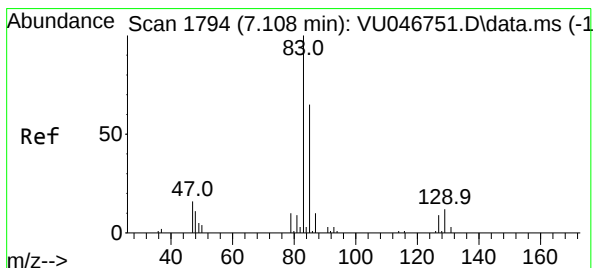
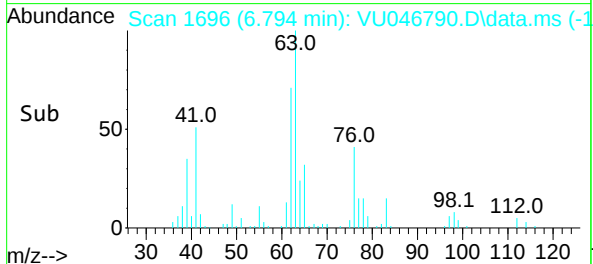
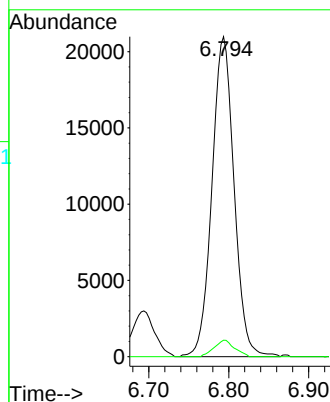
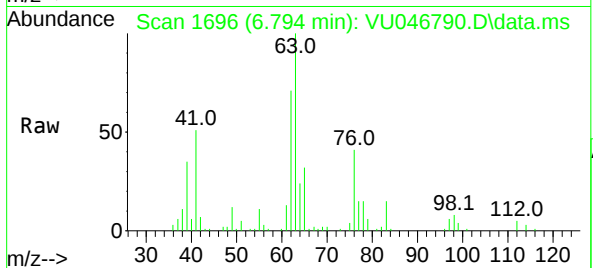
ClientSampleId :

Tgt Ion: 63 Resp: 40217

Ion Ratio Lower Upper

63 100

112 4.7 3.2 4.8



#38

Bromodichloromethane

Concen: 4.876 ug/L

RT: 7.109 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

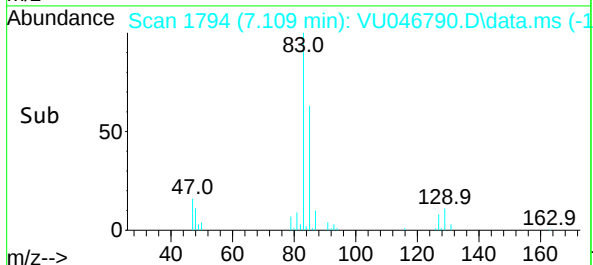
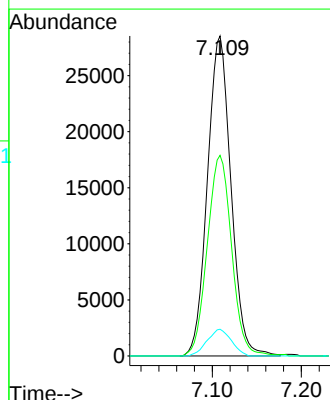
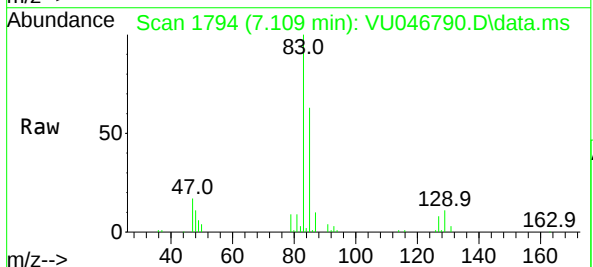
Tgt Ion: 83 Resp: 52328

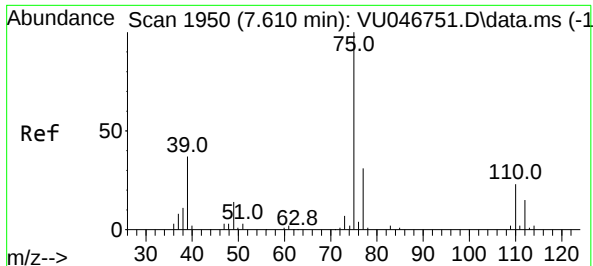
Ion Ratio Lower Upper

83 100

85 62.7 44.0 81.8

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.252 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

Instrument :

MSVOA_U

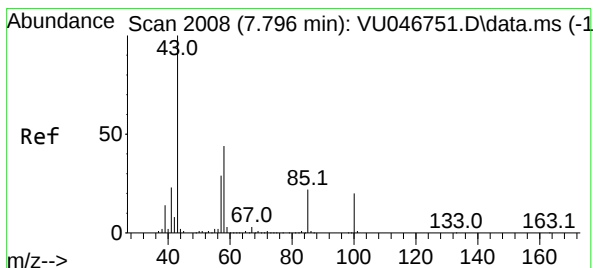
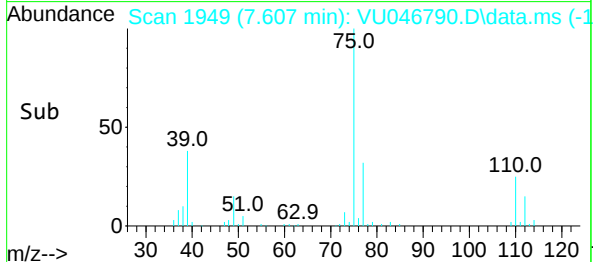
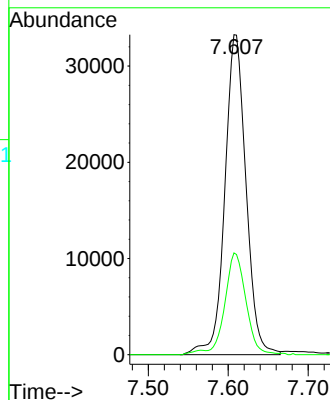
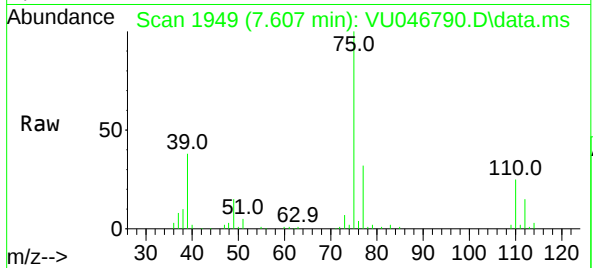
ClientSampleId :

Tgt Ion: 75 Resp: 61104

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 53.781 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

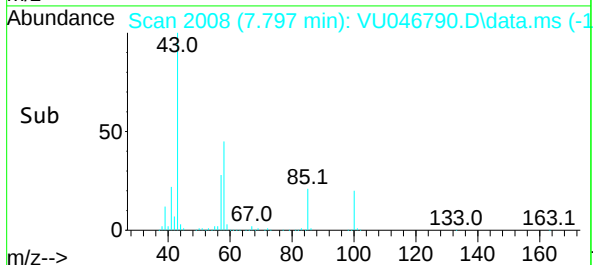
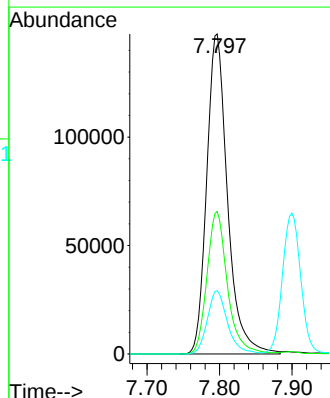
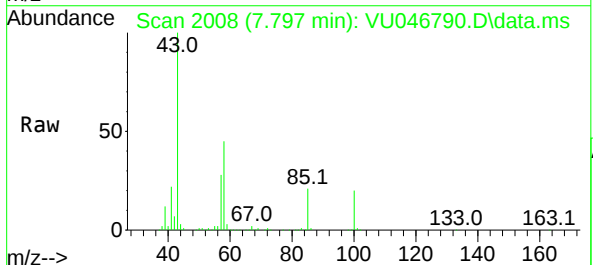
Tgt Ion: 43 Resp: 293998

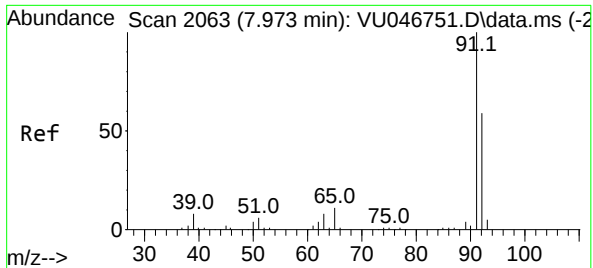
Ion Ratio Lower Upper

43 100

58 43.8 33.1 49.7

100 19.2 13.2 19.8





#42

Toluene

Concen: 5.079 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

Instrument :

MSVOA_U

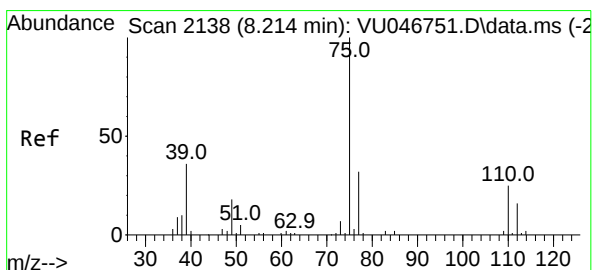
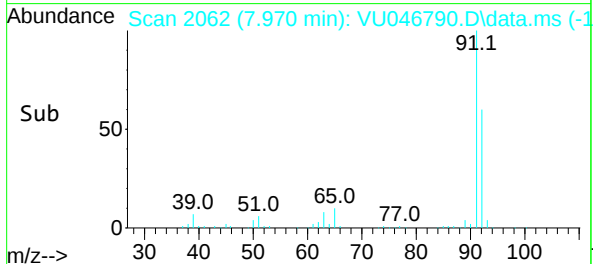
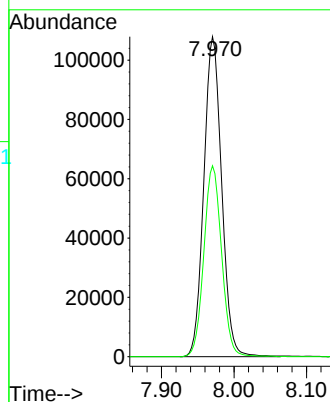
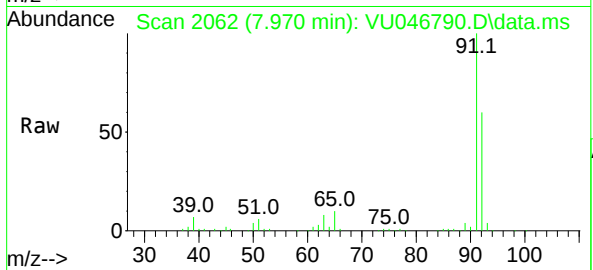
ClientSampleId :

Tgt Ion: 91 Resp: 184520

Ion Ratio Lower Upper

91 100

92 59.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.197 ug/L

RT: 8.212 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046790.D

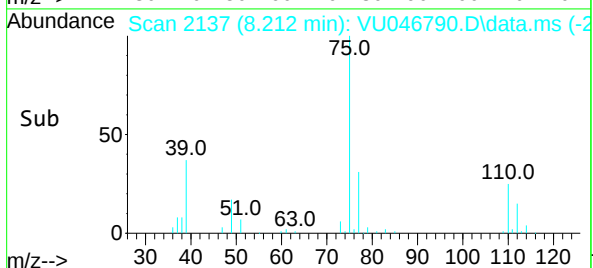
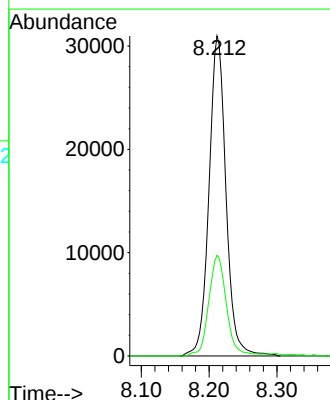
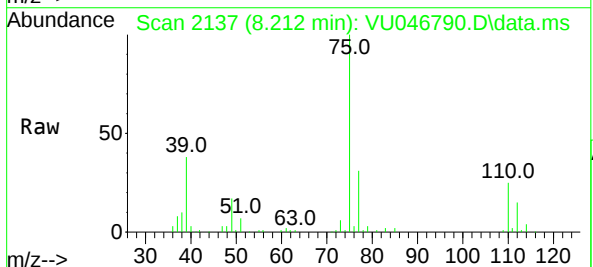
Acq: 18 Jan 2022 18:57

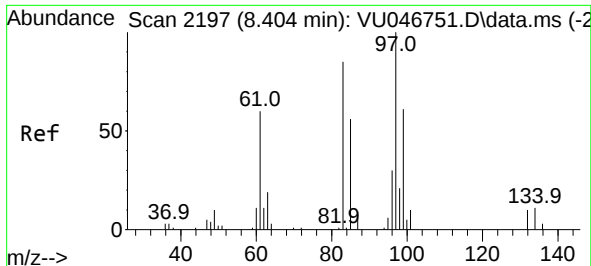
Tgt Ion: 75 Resp: 53869

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.3

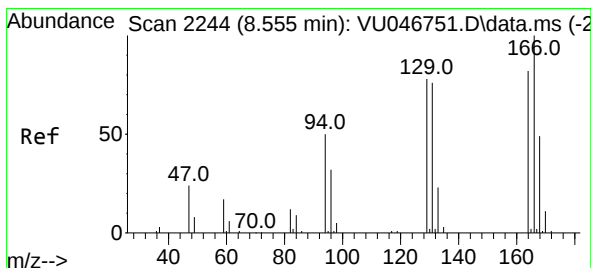
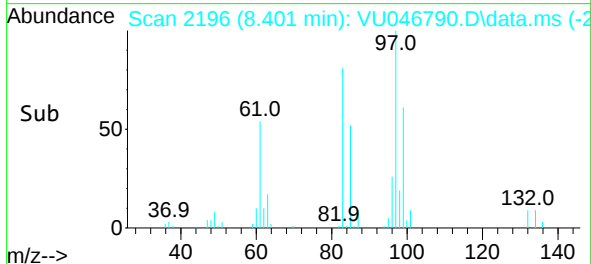
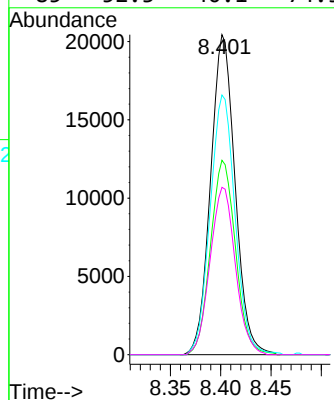
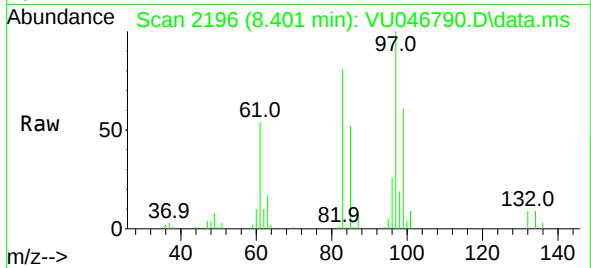




#45
1,1,2-Trichloroethane
Concen: 5.460 ug/L
RT: 8.401 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

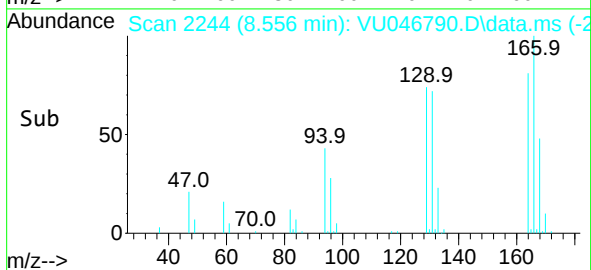
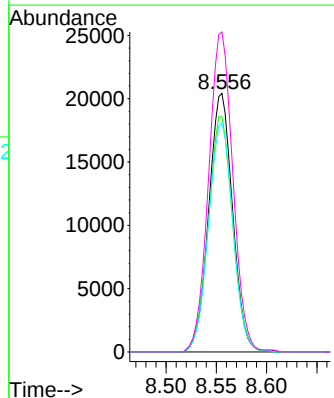
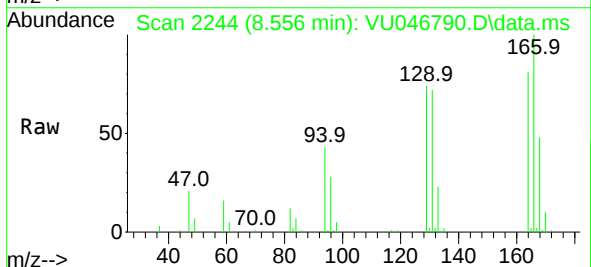
Instrument :
MSVOA_U
ClientSampleId :

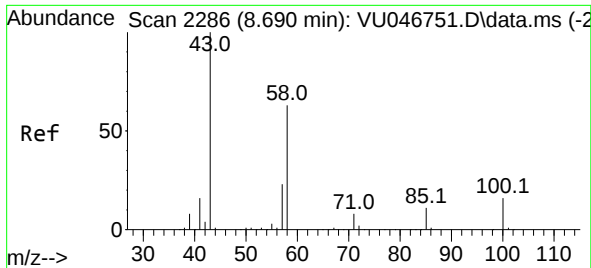
Tgt Ion: 97	Resp: 34638
Ion Ratio	Lower Upper
97 100	
99 60.7	42.3 78.5
83 81.1	62.0 115.2
85 52.3	40.1 74.5



#47
Tetrachloroethene
Concen: 5.260 ug/L
RT: 8.556 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

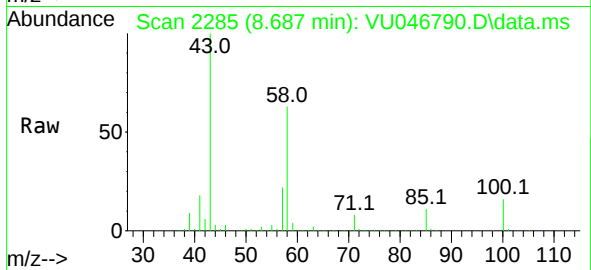
Tgt	Ion:164	Resp:	33762
Ion	Ratio	Lower	Upper
164	100		
129	91.0	71.8	133.4
131	88.6	68.5	127.3
166	123.8	94.1	174.8



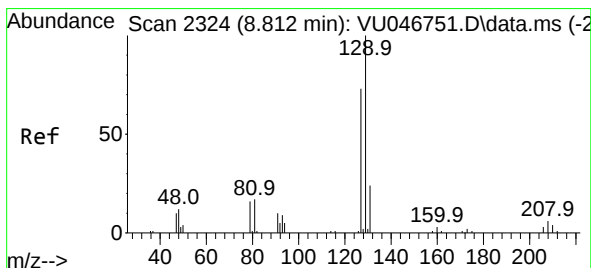
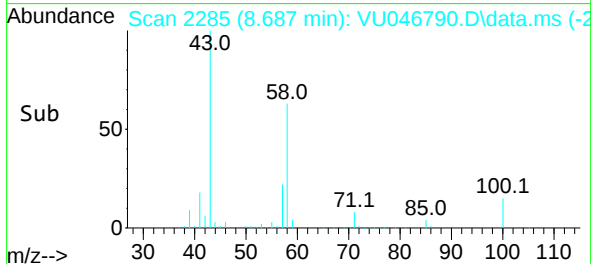
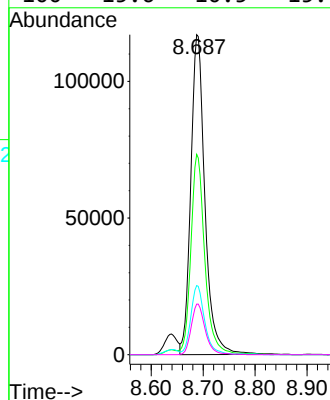


#48
2-Hexanone
Concen: 53.523 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Instrument :
MSVOA_U
ClientSampleId :

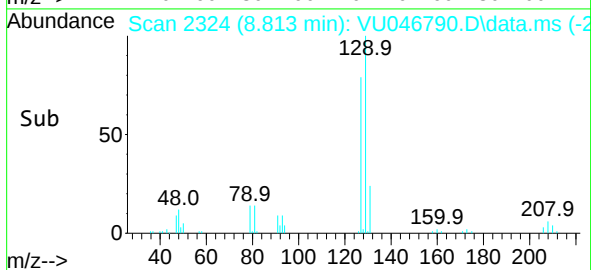
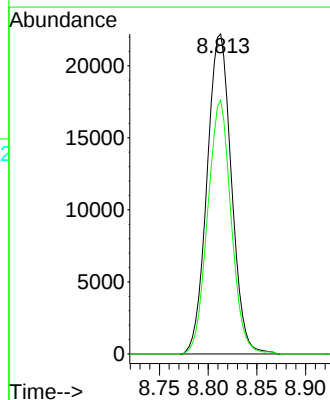
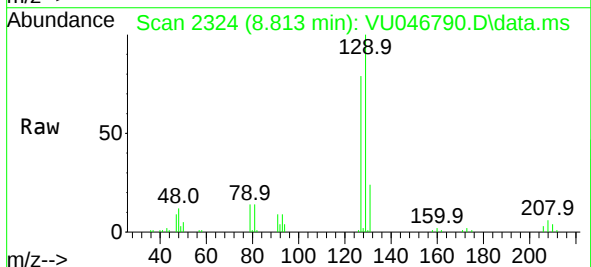


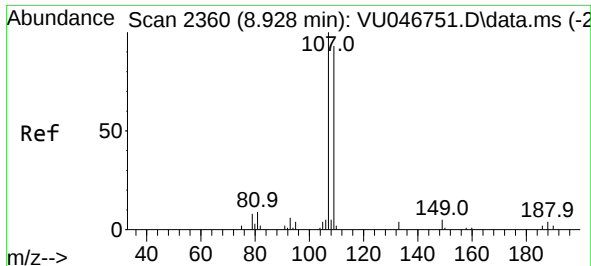
Tgt Ion:	43	Resp:	220851
Ion Ratio	100	Lower	Upper
58	61.7	46.7	70.1
57	21.0	16.3	24.5
100	15.6	10.5	15.7



#49
Dibromochloromethane
Concen: 5.170 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Tgt Ion:	129	Resp:	38685
Ion Ratio	100	Lower	Upper
127	79.3	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.292 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

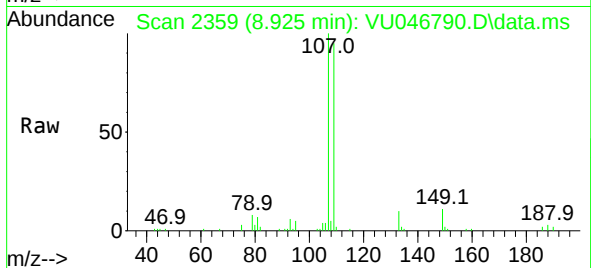
Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

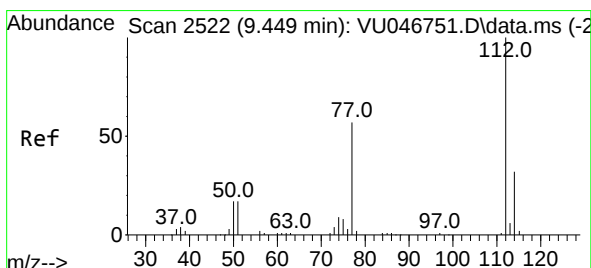
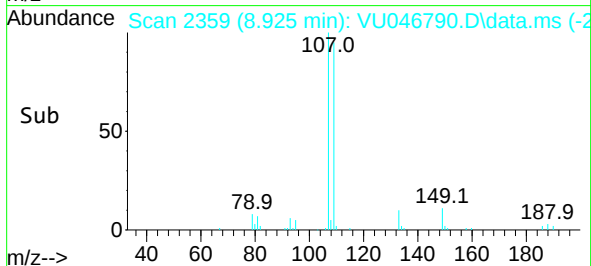
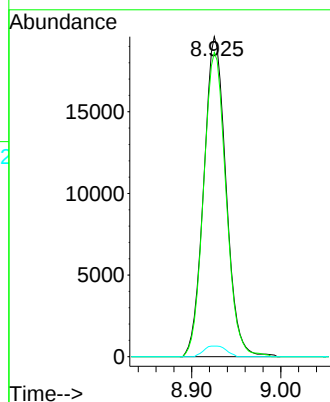
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	34031
Ion Ratio	Lower	Upper	
107	100		
109	95.1	64.0	119.0
188	3.3	2.4	3.6



#51

Chlorobenzene

Concen: 5.284 ug/L

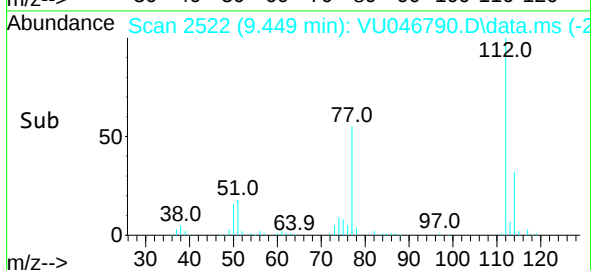
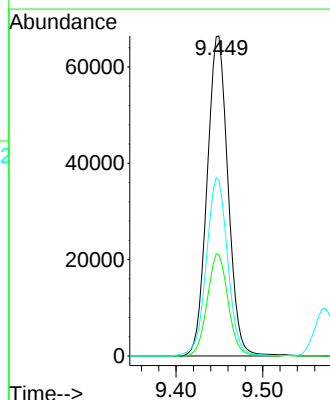
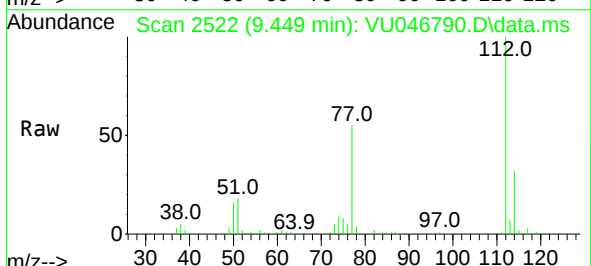
RT: 9.449 min Scan# 2522

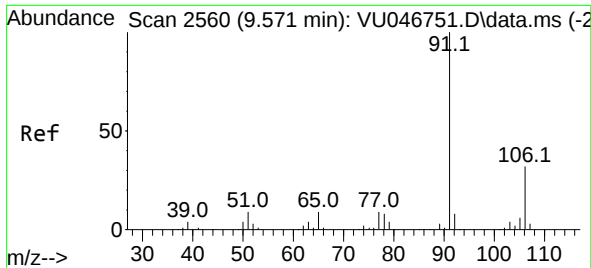
Delta R.T. 0.000 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

Tgt Ion:	112	Resp:	111500
Ion Ratio	Lower	Upper	
112	100		
114	31.8	22.1	41.1
77	54.9	48.3	72.5

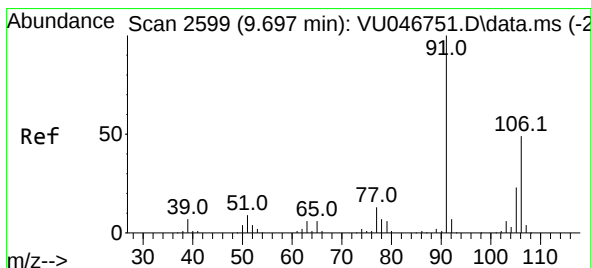
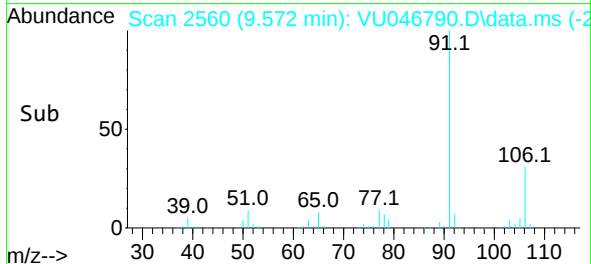
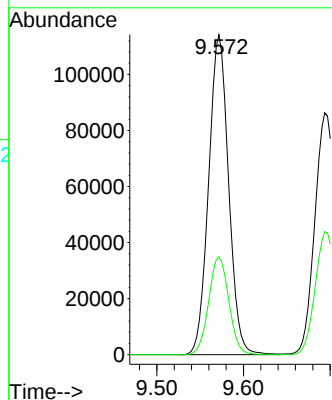
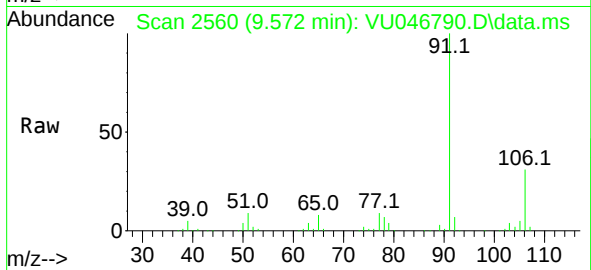




#52
Ethylbenzene
Concen: 5.286 ug/L
RT: 9.572 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

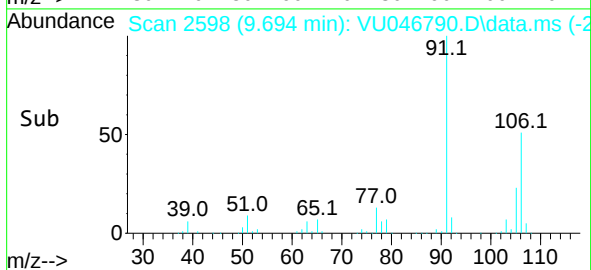
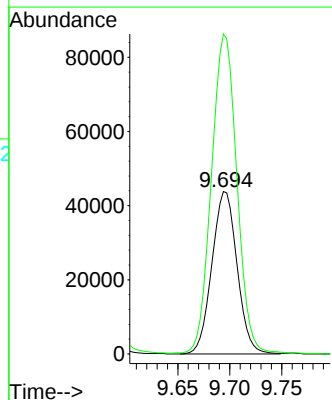
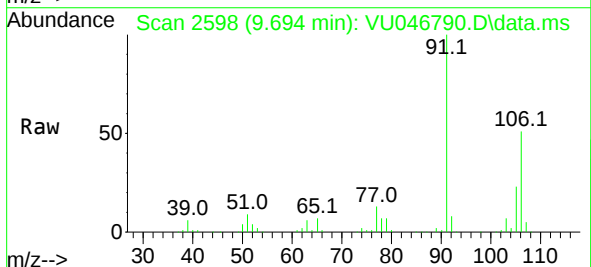
Instrument :
MSVOA_U
ClientSampleId :

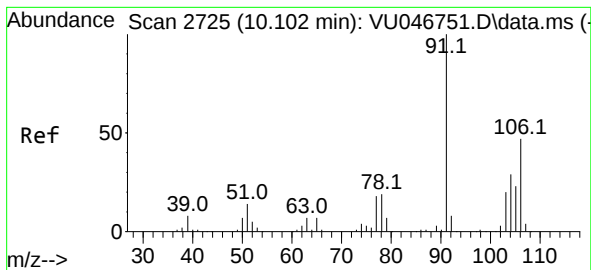
Tgt Ion: 91 Resp: 182601
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 5.357 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Tgt Ion: 106 Resp: 73765
Ion Ratio Lower Upper
106 100
91 197.0 139.4 259.0





#54

o-Xylene

Concen: 5.270 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

Instrument :

MSVOA_U

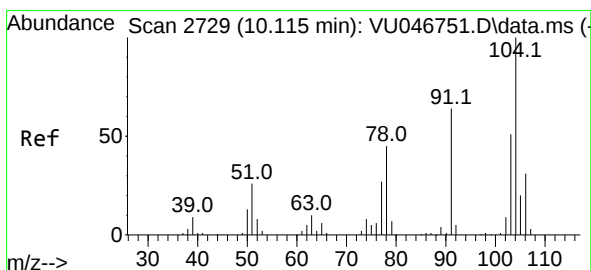
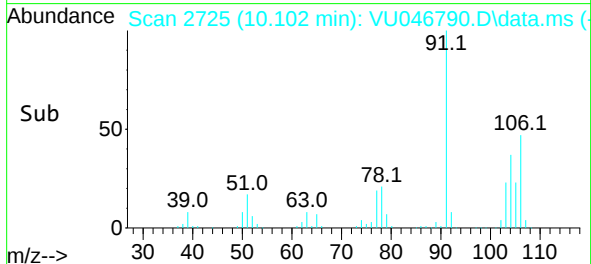
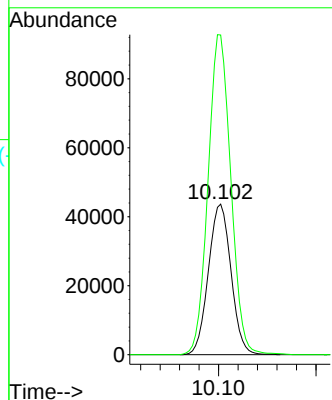
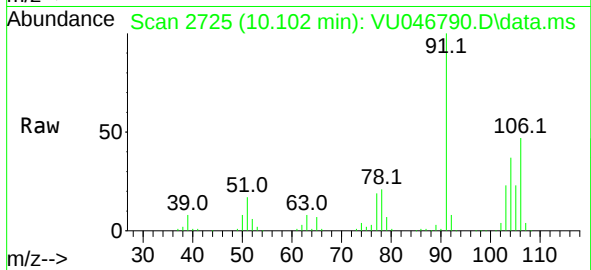
ClientSampleId :

Tgt Ion:106 Resp: 70344

Ion Ratio Lower Upper

106 100

91 212.5 147.5 273.9



#55

Styrene

Concen: 5.447 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU046790.D

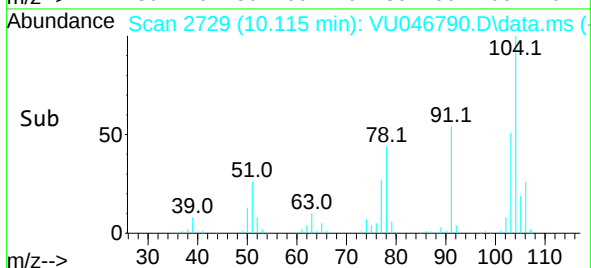
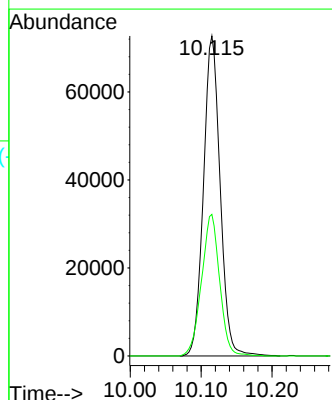
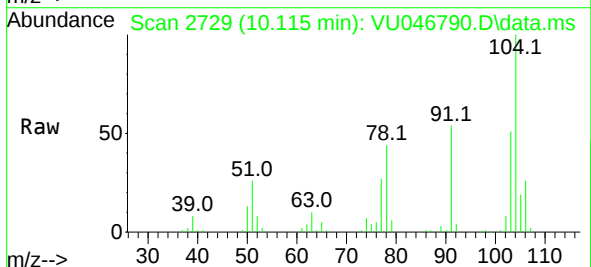
Acq: 18 Jan 2022 18:57

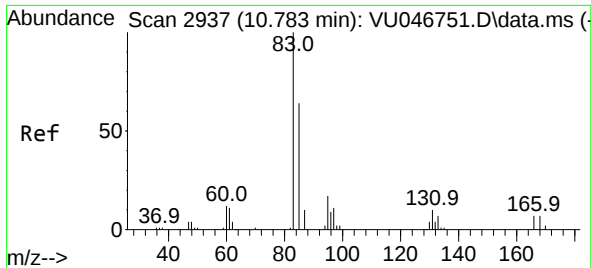
Tgt Ion:104 Resp: 118928

Ion Ratio Lower Upper

104 100

78 44.3 33.0 61.4

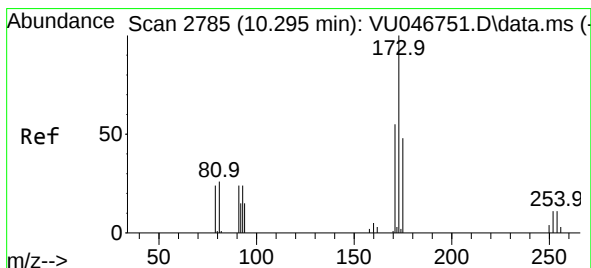
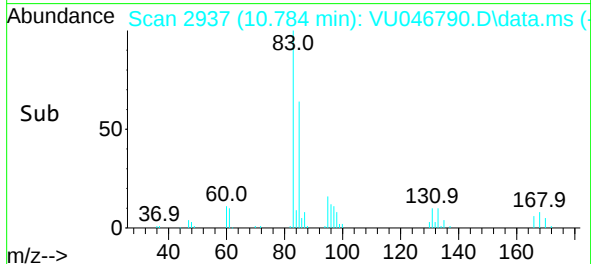
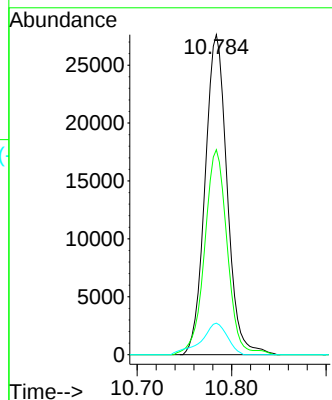
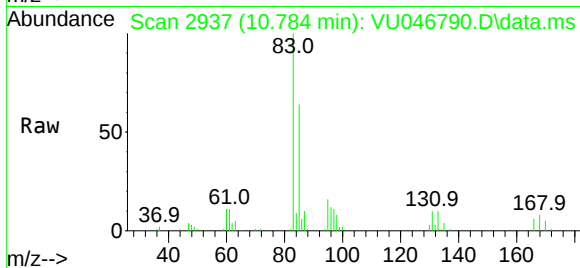




#57
1,1,2,2-Tetrachloroethane
Concen: 5.252 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

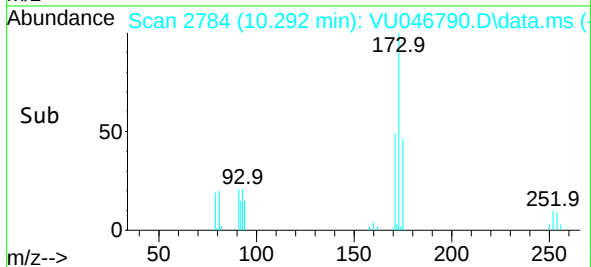
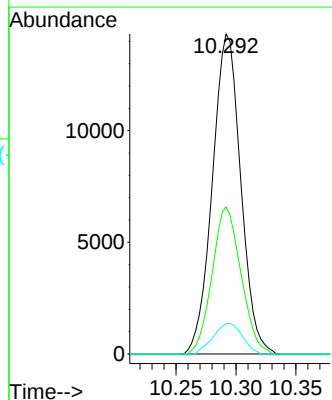
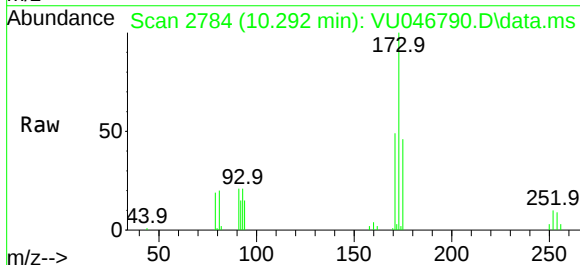
Instrument :
MSVOA_U
ClientSampleId :

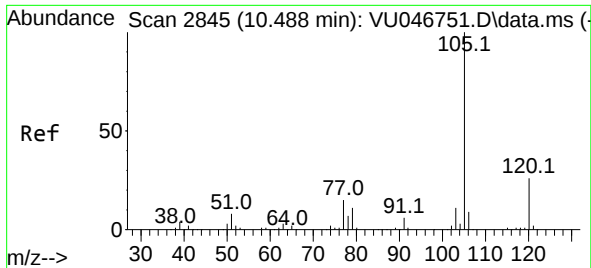
Tgt Ion: 83 Resp: 44807
Ion Ratio Lower Upper
83 100
85 64.0 47.9 89.1
131 9.9 8.1 12.1



#59
Bromoform
Concen: 5.247 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Tgt Ion:173 Resp: 23502
Ion Ratio Lower Upper
173 100
175 46.8 37.8 56.6
254 9.9 7.3 10.9

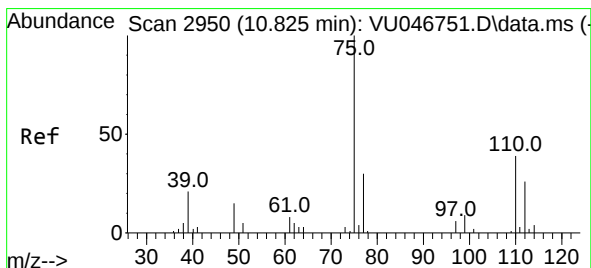
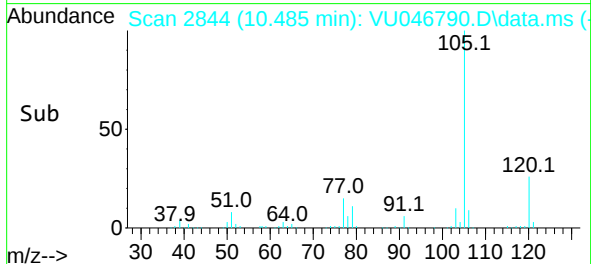
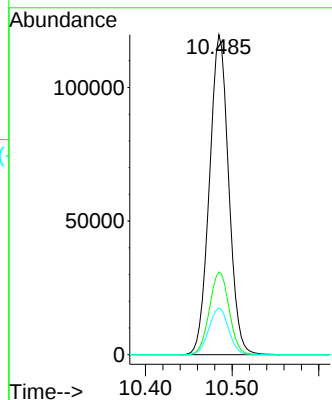
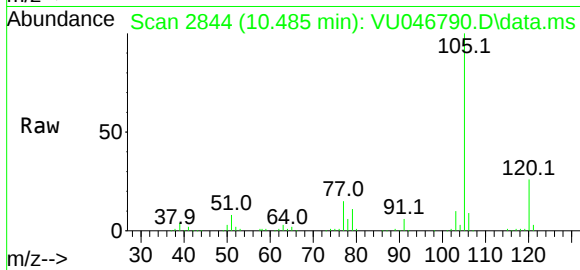




#60
Isopropylbenzene
Concen: 5.464 ug/L
RT: 10.485 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

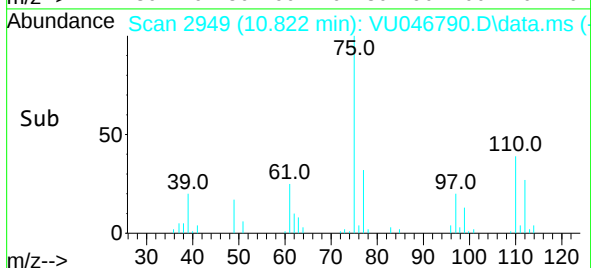
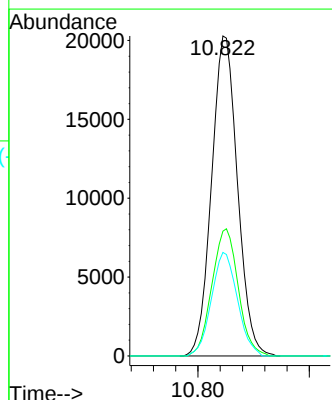
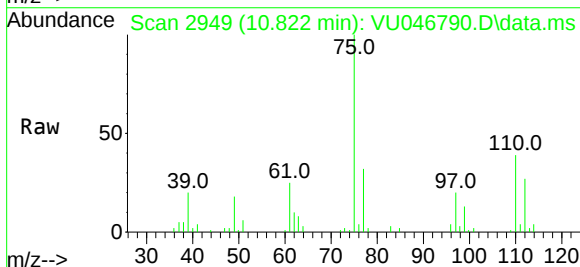
Instrument :
MSVOA_U
ClientSampleId :

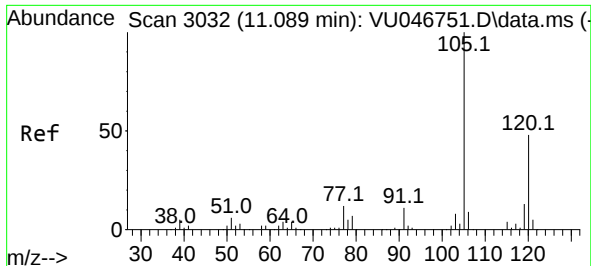
Tgt Ion:105 Resp: 185142
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 14.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.311 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Tgt Ion: 75 Resp: 32732
Ion Ratio Lower Upper
75 100
110 40.3 29.9 44.9
77 32.5 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.357 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

Instrument :

MSVOA_U

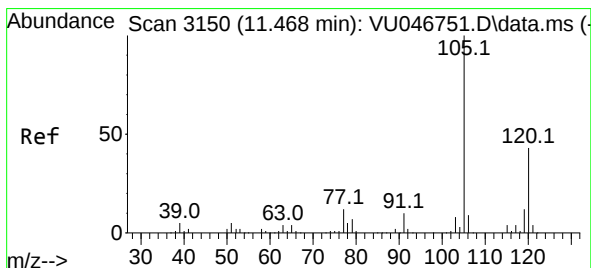
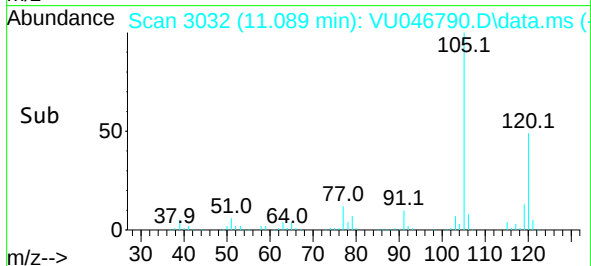
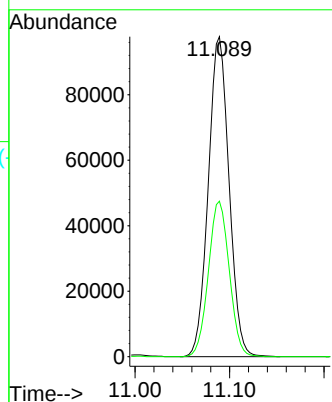
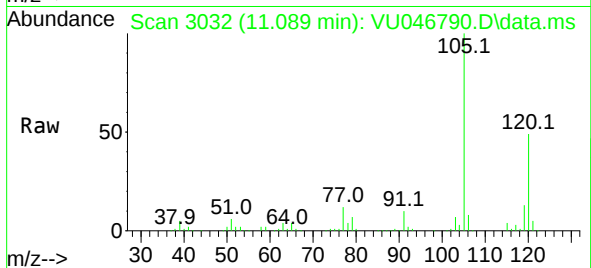
ClientSampleId :

Tgt Ion:105 Resp: 149006

Ion Ratio Lower Upper

105 100

120 49.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.426 ug/L

RT: 11.469 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046790.D

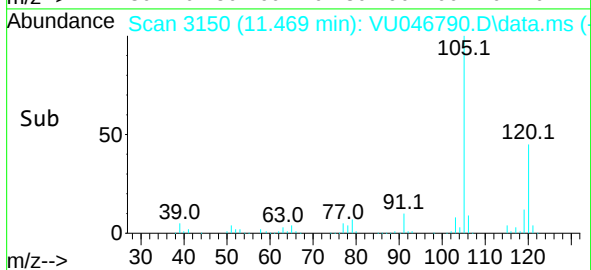
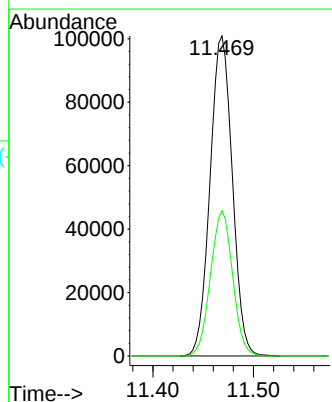
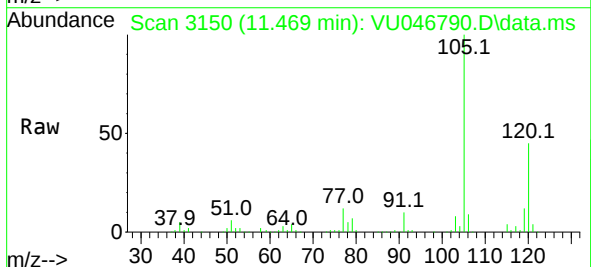
Acq: 18 Jan 2022 18:57

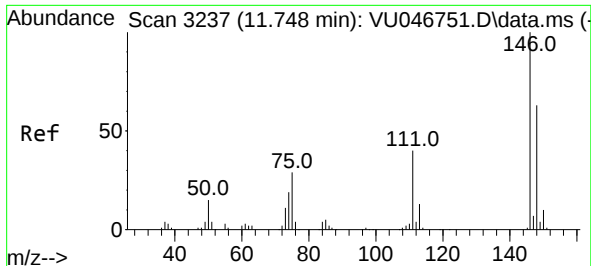
Tgt Ion:105 Resp: 155305

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8

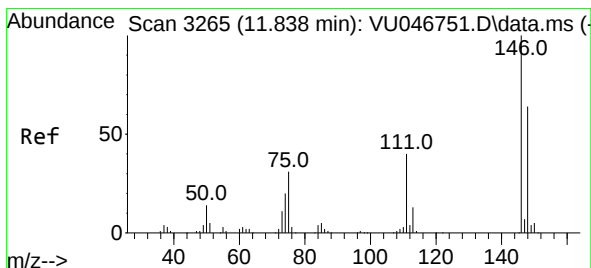
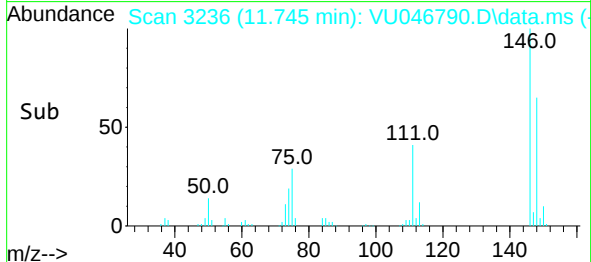
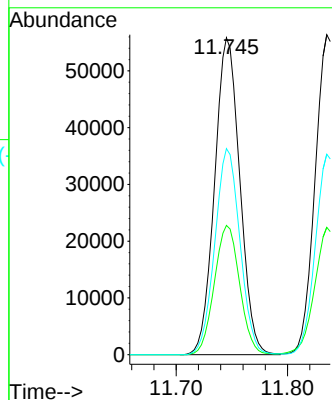
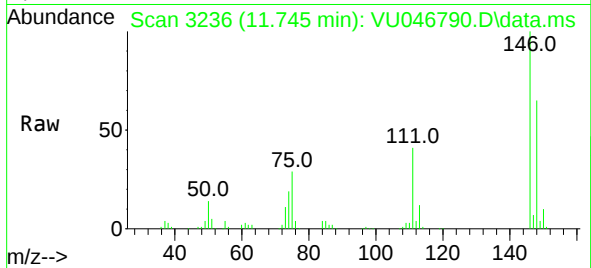




#64
1,3-Dichlorobenzene
Concen: 5.185 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

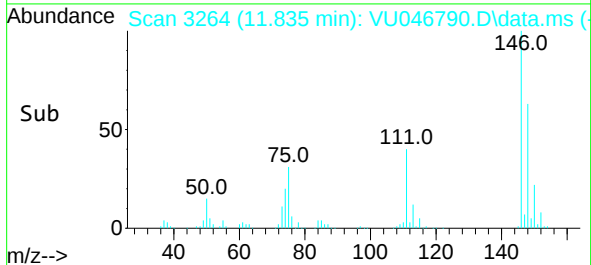
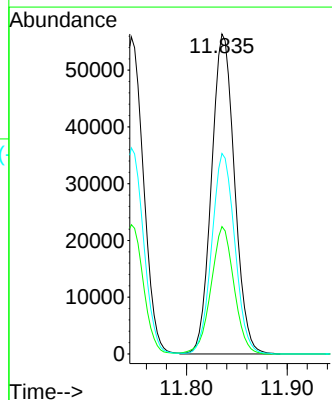
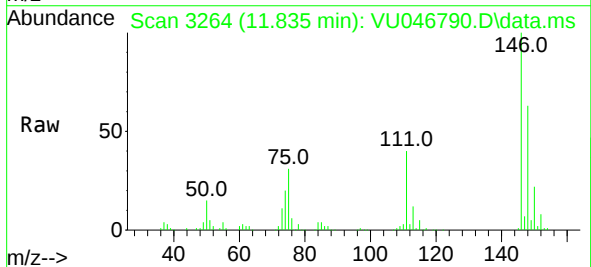
Instrument :
MSVOA_U
ClientSampleId :

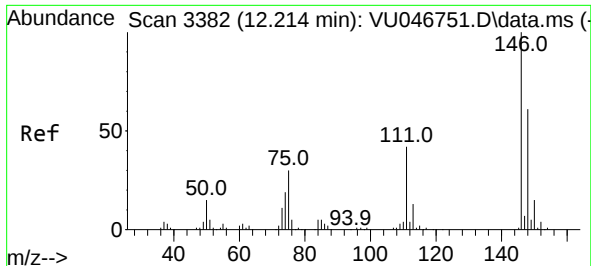
Tgt Ion:146 Resp: 87825
Ion Ratio Lower Upper
146 100
111 40.8 29.9 55.5
148 65.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.266 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Tgt Ion:146 Resp: 89763
Ion Ratio Lower Upper
146 100
111 39.8 28.7 53.3
148 62.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.340 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

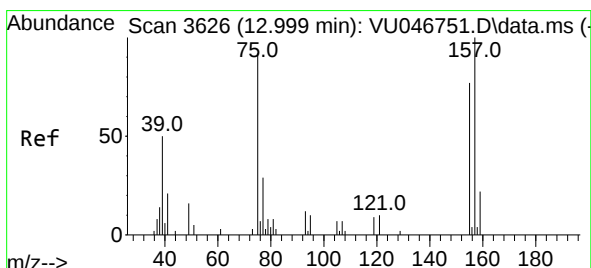
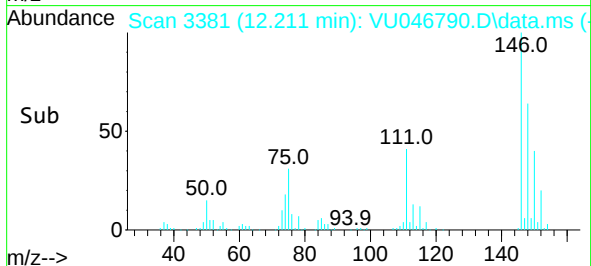
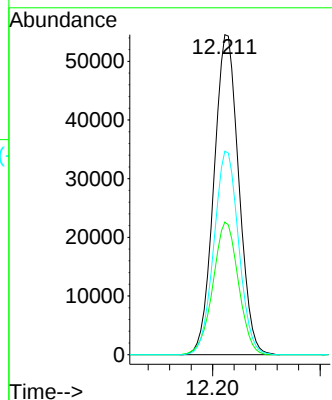
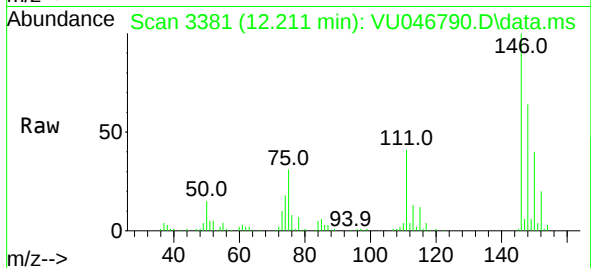
Tgt Ion:146 Resp: 87480

Ion Ratio Lower Upper

146 100

111 41.5 35.4 53.0

148 63.6 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.143 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046790.D

Acq: 18 Jan 2022 18:57

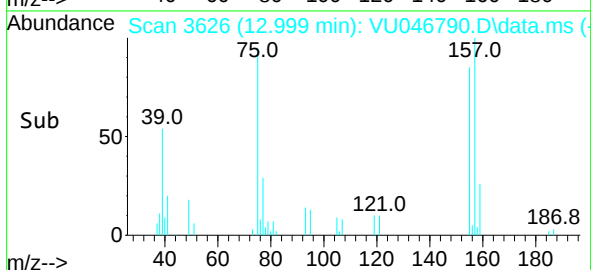
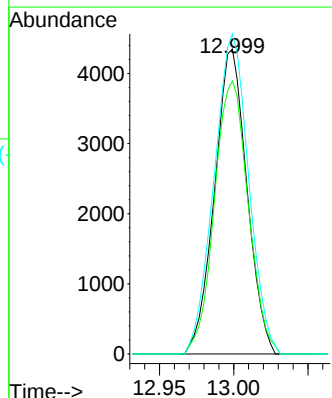
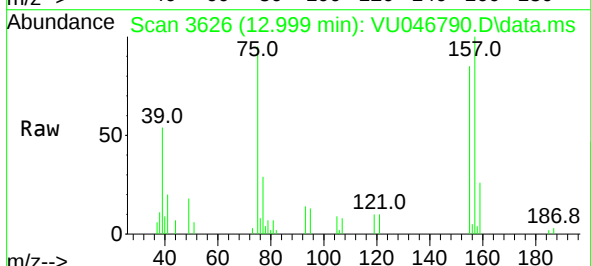
Tgt Ion: 75 Resp: 6580

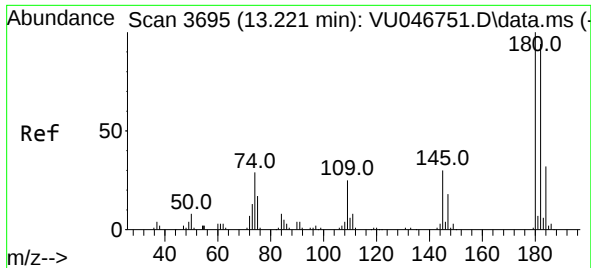
Ion Ratio Lower Upper

75 100

155 89.5 59.2 88.8#

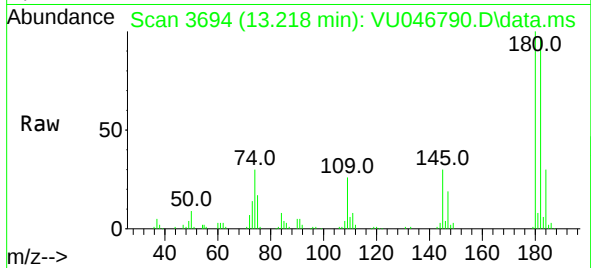
157 104.9 76.5 114.7



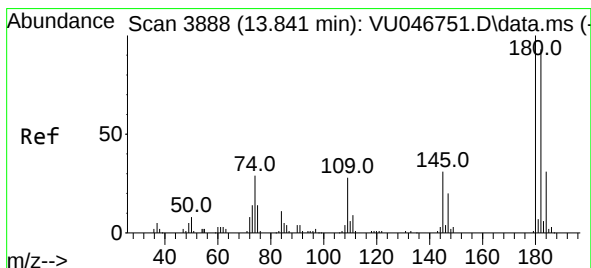
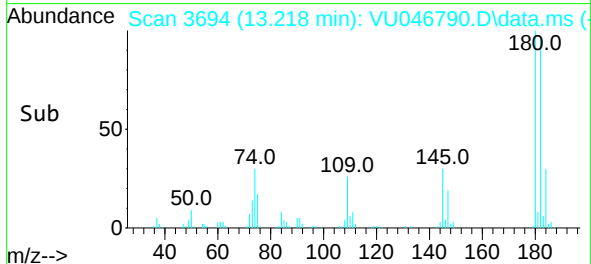
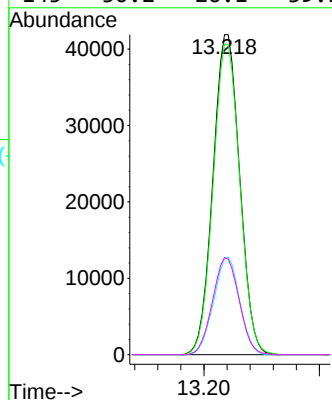


#69
 1,3,5-Trichlorobenzene
 Concen: 5.037 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU046790.D
 Acq: 18 Jan 2022 18:57

Instrument :
 MSVOA_U
 ClientSampleId :

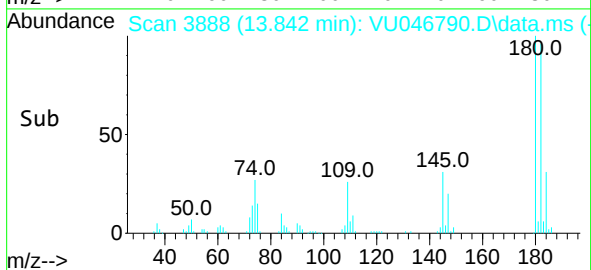
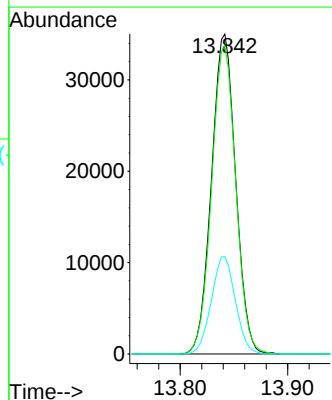
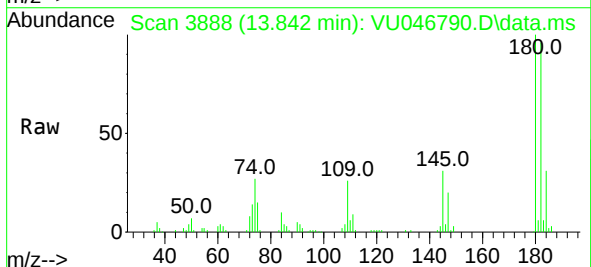


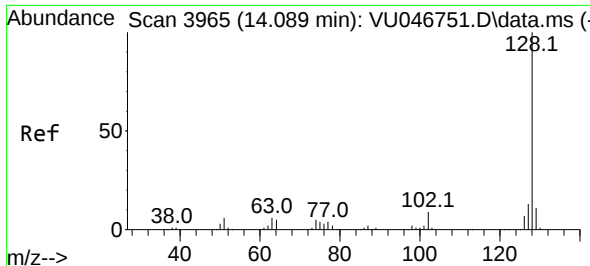
Tgt Ion:180 Resp: 67267
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.1 114.1
 184 29.7 25.0 37.4
 145 30.2 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.893 ug/L
 RT: 13.842 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046790.D
 Acq: 18 Jan 2022 18:57

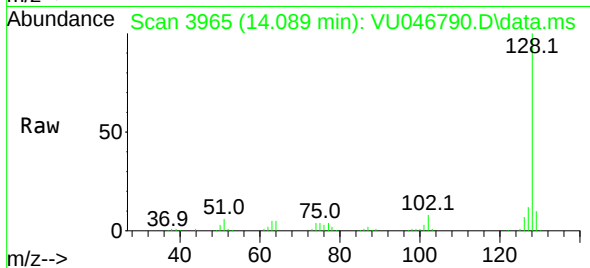
Tgt Ion:180 Resp: 54625
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.4 114.6
 145 30.3 25.6 38.4



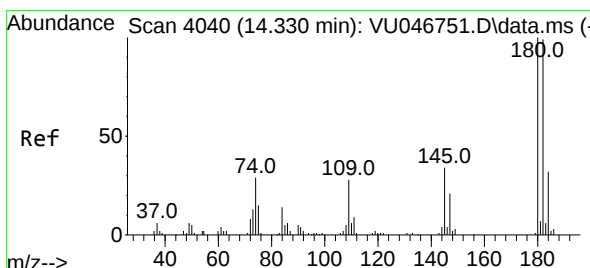
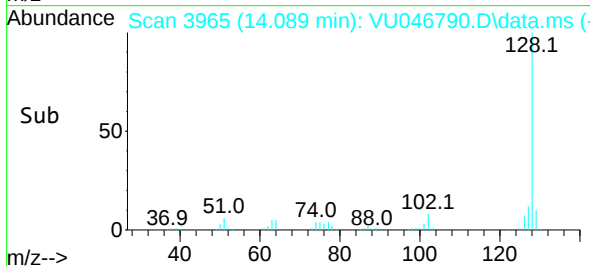
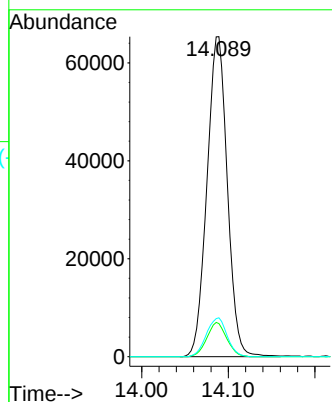


#71
Naphthalene
Concen: 4.697 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.004 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 106754
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 12.4 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.070 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046790.D
Acq: 18 Jan 2022 18:57

Tgt Ion:180 Resp: 53465
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.4
145 32.8 28.4 42.6

