

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046908.D
 Acq On : 31 Jan 2022 10:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:20:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 00:38:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	120435	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	128144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	67259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59761	5.856	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.200%
7) Chloroethane-d5	1.922	69	43252	5.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.575	65	22383	5.514	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.200%
20) 2-Butanone-d5	4.655	46	135368	44.775	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	5.070	84	88595	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.706	65	47536	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.732	84	174442	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.694	67	53034	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.902	98	157356	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.182	79	22746	4.580	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.639	63	134920	45.884	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.760%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	53302	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	54267	4.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	55744	4.921	ug/L	99
3) Chloromethane	1.527	50	52246	5.600	ug/L	97
5) Vinyl chloride	1.610	62	52123	5.366	ug/L	100
6) Bromomethane	1.864	94	31689	5.214	ug/L	100
8) Chloroethane	1.941	64	31235	5.587	ug/L	96
9) Trichlorofluoromethane	2.147	101	65921	5.570	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	37957	5.394	ug/L	98
12) 1,1-Dichloroethene	2.588	96	34957	5.198	ug/L	94
13) Acetone	2.671	43	76566	46.563	ug/L	97
14) Carbon disulfide	2.803	76	110344	4.996	ug/L	99
15) Methyl Acetate	2.967	43	20609	5.738	ug/L	96
16) Methylene chloride	3.054	84	39687	4.887	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	89074	4.721	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	35638	4.893	ug/L	94
19) 1,1-Dichloroethane	3.880	63	67059	5.484	ug/L	100
21) 2-Butanone	4.732	43	122000	46.134	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	37290	4.853	ug/L	98
23) Bromochloromethane	4.983	128	18879	4.994	ug/L	99
25) Chloroform	5.096	83	68221	3.515	ug/L	98

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 ClientSampleId :

Quant Time: Feb 01 00:20:01 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

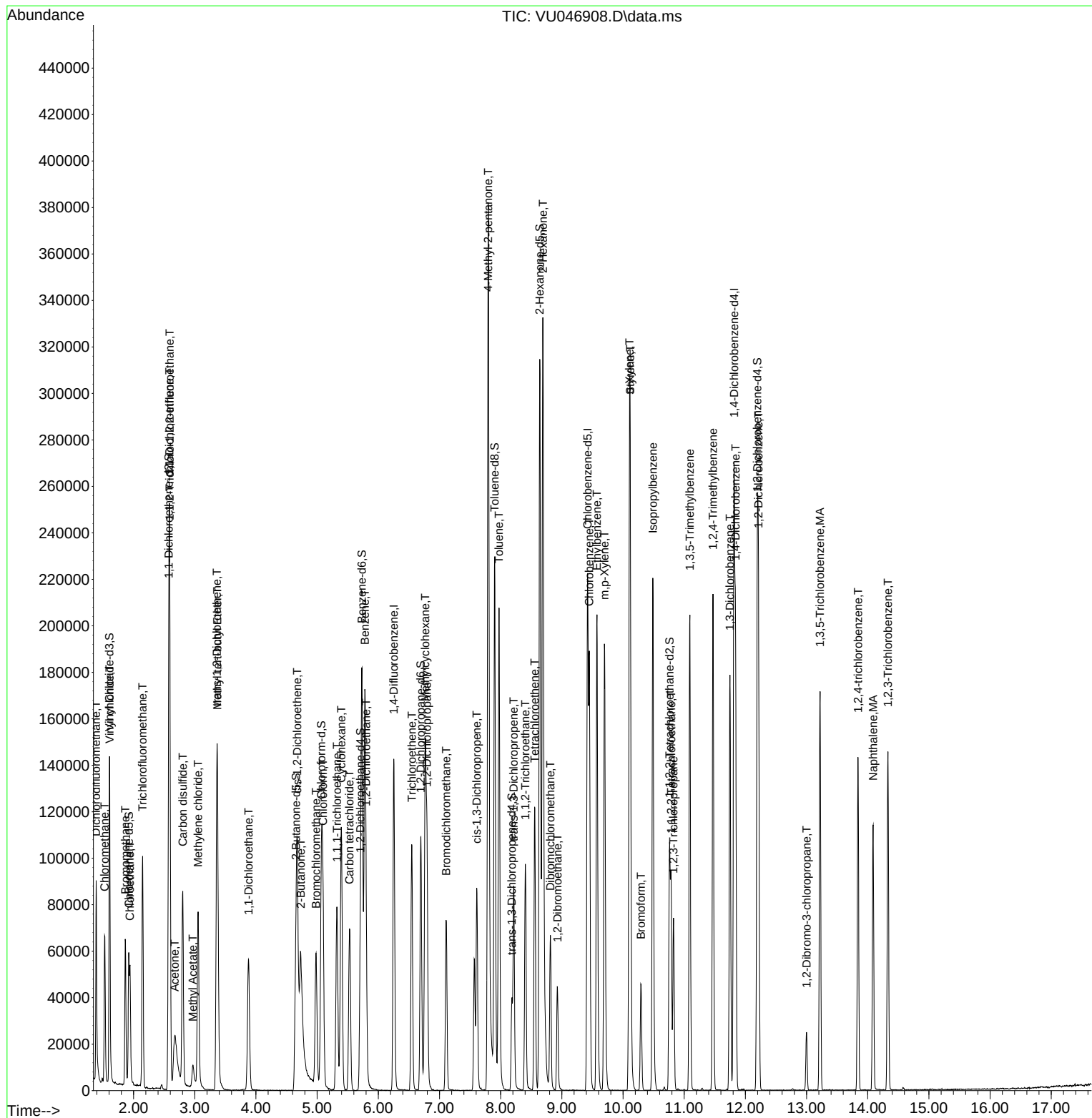
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	45773	5.343	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	58118	5.035	ug/L	98
30) Cyclohexane	5.395	56	54875	4.687	ug/L	100
31) Carbon tetrachloride	5.530	117	49642	5.013	ug/L	99
33) Benzene	5.780	78	152882	5.067	ug/L	100
34) Trichloroethene	6.549	95	37311	4.763	ug/L	98
35) Methylcyclohexane	6.768	83	55030	4.194	ug/L	99
37) 1,2-Dichloropropane	6.796	63	40070	5.414	ug/L	100
38) Bromodichloromethane	7.108	83	50120	4.705	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	54207	4.694	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	282091	51.990	ug/L	98
42) Toluene	7.973	91	159581	4.425	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	49997	4.860	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	31941	5.073	ug/L	97
47) Tetrachloroethene	8.555	164	27730	4.353	ug/L	95
48) 2-Hexanone	8.690	43	224628	54.847	ug/L	99
49) Dibromochloromethane	8.812	129	34792	4.684	ug/L	97
50) 1,2-Dibromoethane	8.928	107	31234	4.894	ug/L	99
51) Chlorobenzene	9.449	112	97183	4.640	ug/L	99
52) Ethylbenzene	9.574	91	154960	4.520	ug/L	100
53) m,p-Xylene	9.697	106	60782	4.447	ug/L	98
54) o-Xylene	10.105	106	58717	4.432	ug/L	94
55) Styrene	10.118	104	102142	4.713	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	43964	5.192	ug/L	96
59) Bromoform	10.291	173	20610	4.976	ug/L	98
60) Isopropylbenzene	10.488	105	151720	4.842	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	32697	5.737	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	113604	4.417	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	117491	4.440	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	72474	4.628	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	75161	4.769	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	70429	4.650	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.999	75	6711	5.673	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	50757	4.111	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	41719	4.042	ug/L	98
71) Naphthalene	14.089	128	90554	4.309	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	43365	4.448	ug/L	98

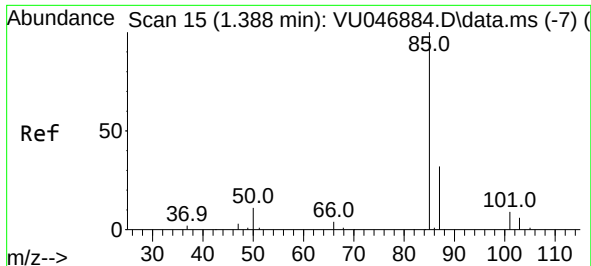
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Instrument :
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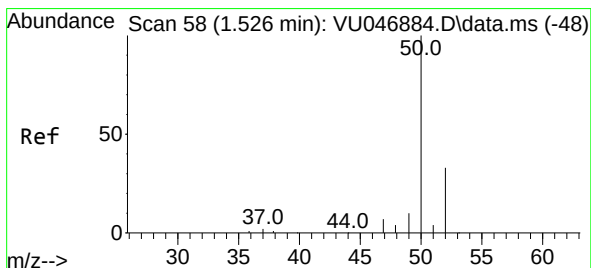
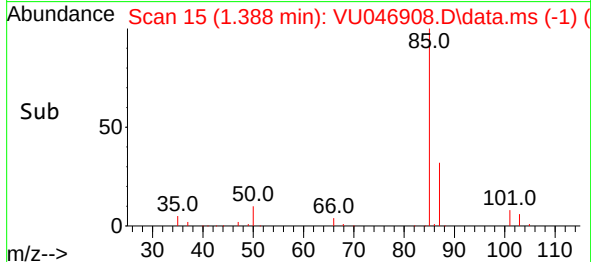
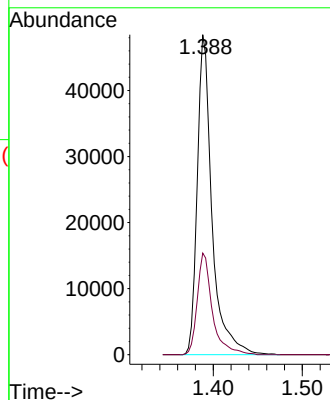
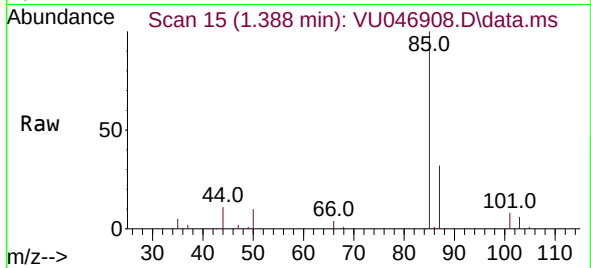




#2
 Dichlorodifluoromethane
 Concen: 4.921 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU046908.D
 Acq: 31 Jan 2022 10:41

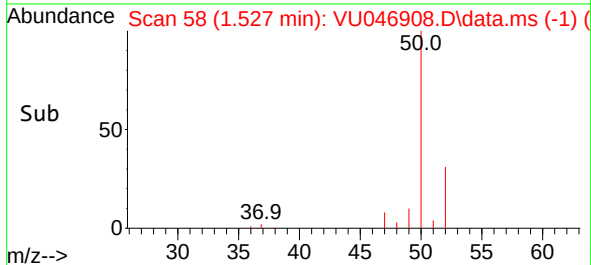
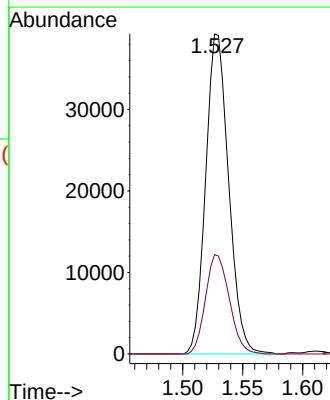
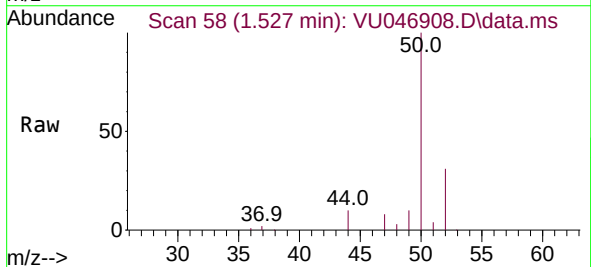
Instrument :
 MSVOA_U
 ClientSampleId :

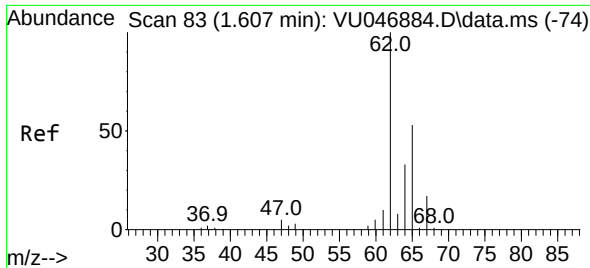
Tgt Ion: 85 Resp: 55744
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.6



#3
 Chloromethane
 Concen: 5.600 ug/L
 RT: 1.527 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VU046908.D
 Acq: 31 Jan 2022 10:41

Tgt Ion: 50 Resp: 52246
 Ion Ratio Lower Upper
 50 100
 52 31.1 23.0 42.8

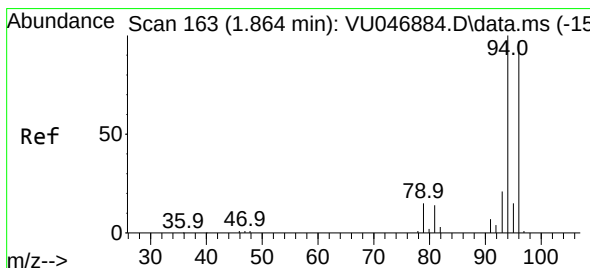
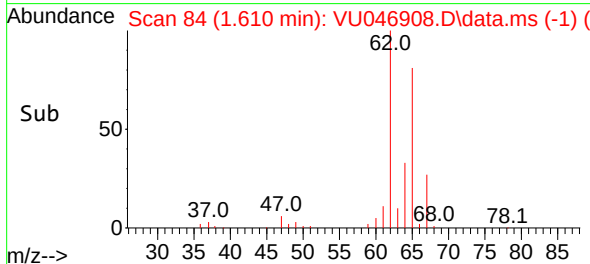
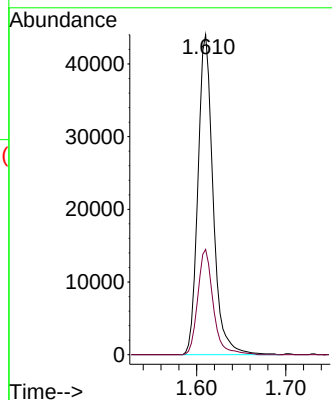
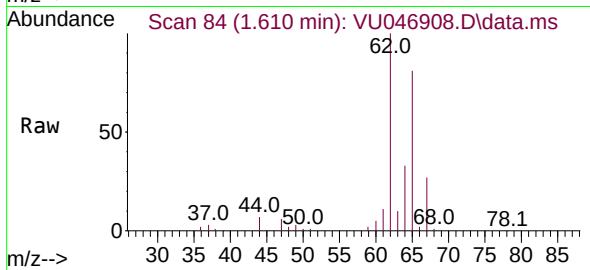




#5
 Vinyl chloride
 Concen: 5.366 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046908.D
 Acq: 31 Jan 2022 10:41

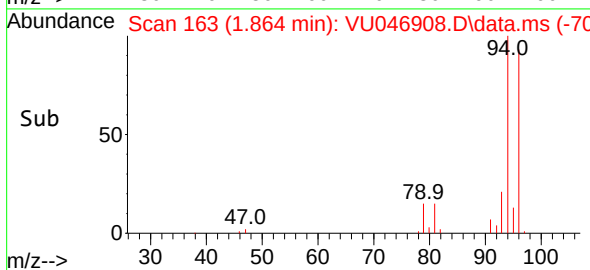
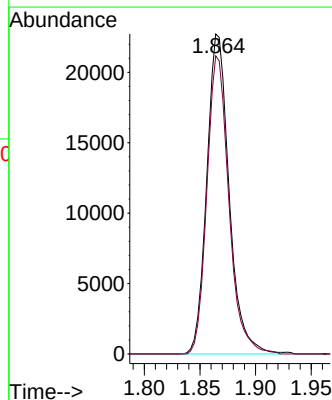
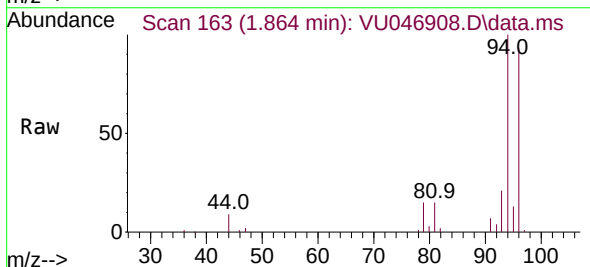
Instrument :
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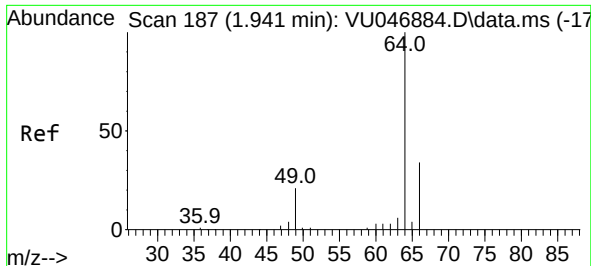
Tgt Ion: 62 Resp: 52123
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.9 42.5



#6
 Bromomethane
 Concen: 5.214 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046908.D
 Acq: 31 Jan 2022 10:41

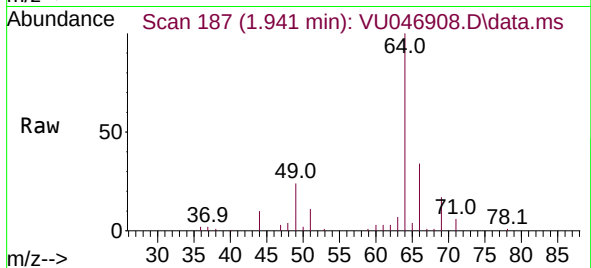
Tgt Ion: 94 Resp: 31689
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.5 121.6



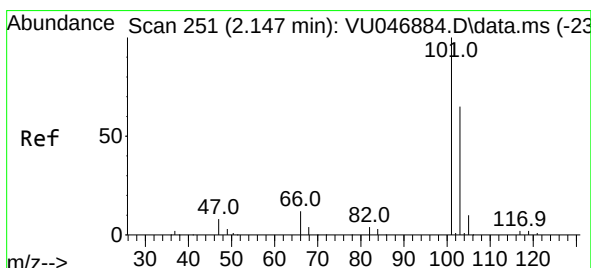
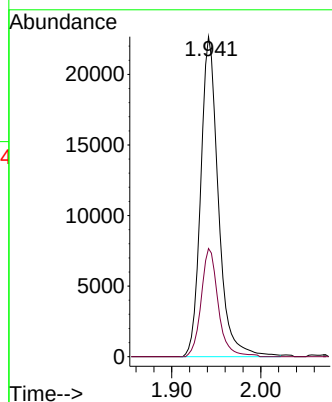
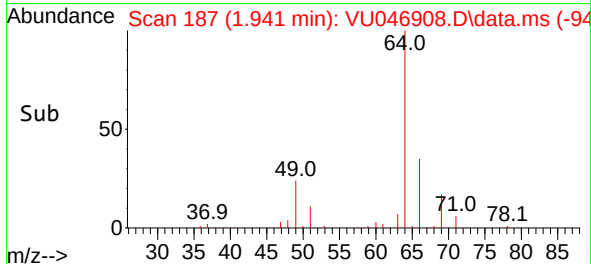


#8
Chloroethane
Concen: 5.587 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Instrument :
MSVOA_U
ClientSampleId :

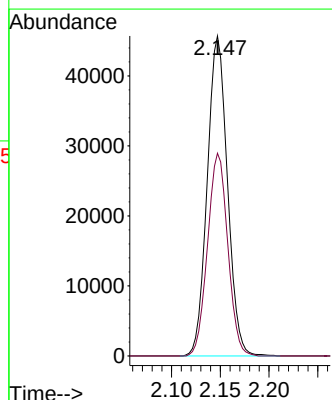
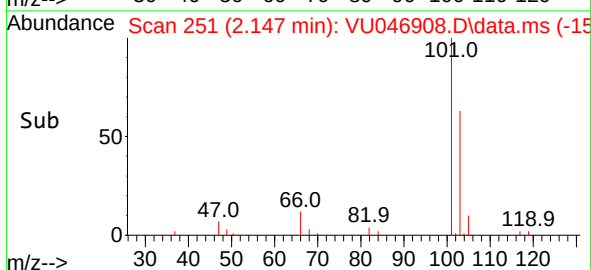
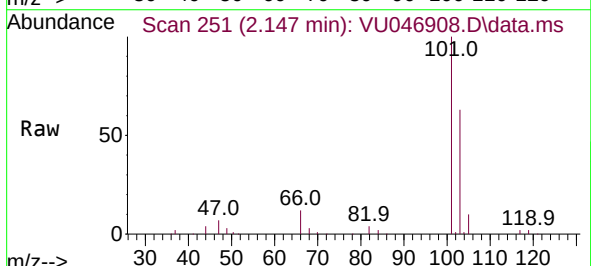


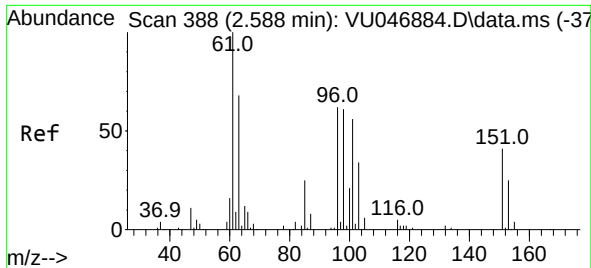
Tgt Ion: 64 Resp: 31235
Ion Ratio Lower Upper
64 100
66 33.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.570 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Tgt Ion:101 Resp: 65921
Ion Ratio Lower Upper
101 100
103 63.3 51.5 77.3

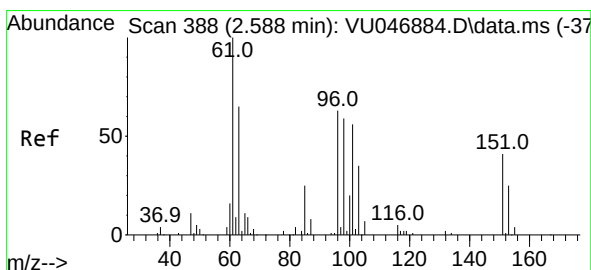
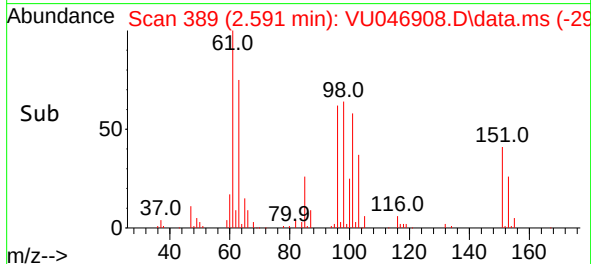
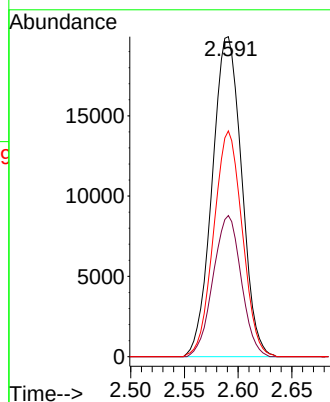
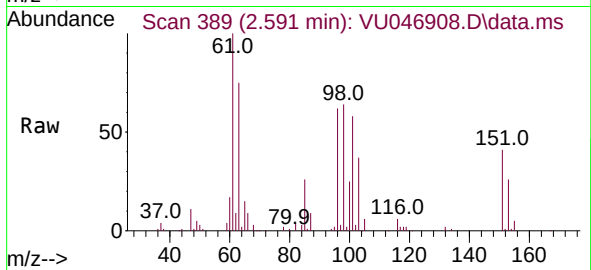




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.394 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

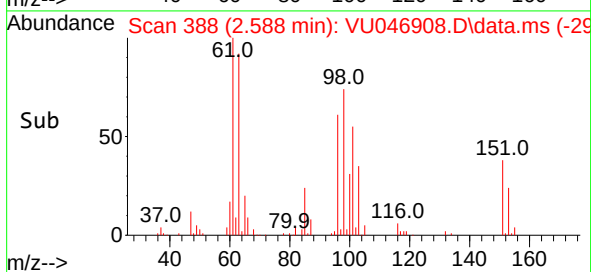
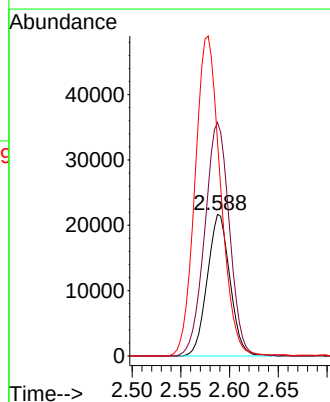
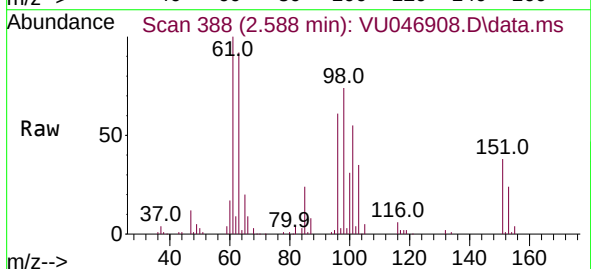
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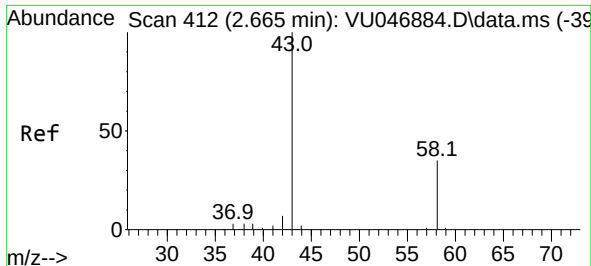
Tgt Ion:101 Resp: 37957
Ion Ratio Lower Upper
101 100
85 42.1 34.6 51.8
151 68.6 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.198 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Tgt Ion: 96 Resp: 34957
Ion Ratio Lower Upper
96 100
61 165.0 124.7 231.5
63 151.7 105.2 195.4





#13

Acetone

Concen: 46.563 ug/L

RT: 2.671 min Scan# 412

Delta R.T. 0.007 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

Instrument :

MSVOA_U

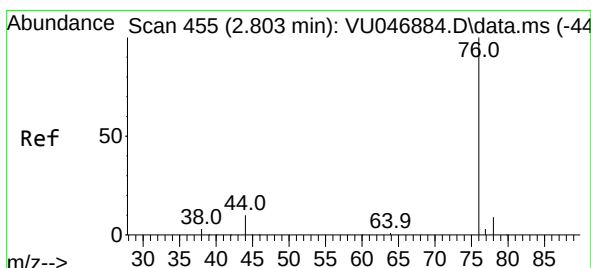
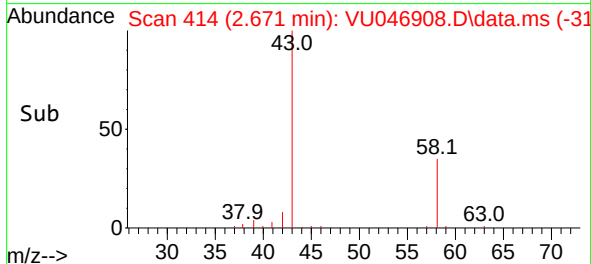
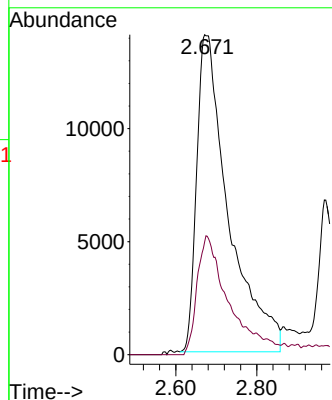
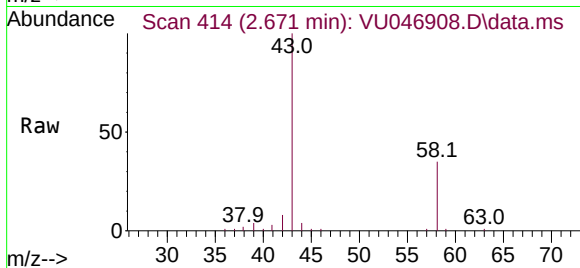
ClientSampleId :

Tgt Ion: 43 Resp: 76566

Ion Ratio Lower Upper

43 100

58 34.3 0.0 71.6



#14

Carbon disulfide

Concen: 4.996 ug/L

RT: 2.803 min Scan# 455

Delta R.T. 0.000 min

Lab File: VU046908.D

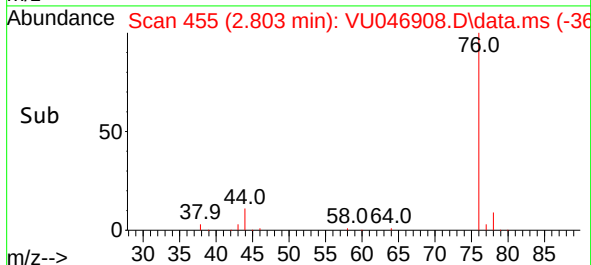
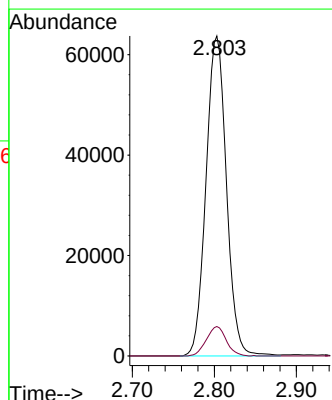
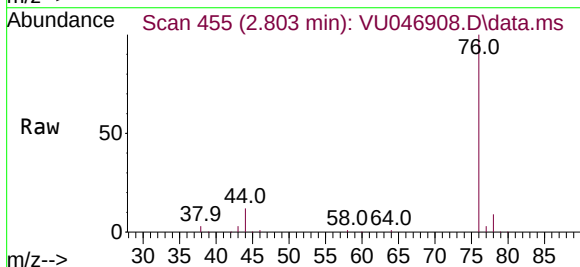
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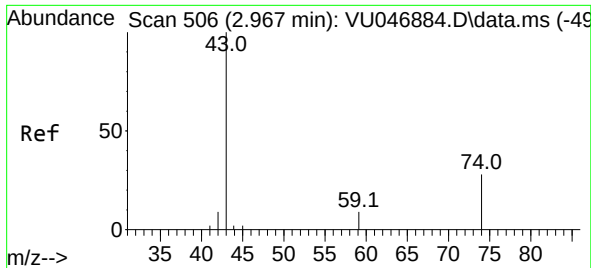
Tgt Ion: 76 Resp: 110344

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

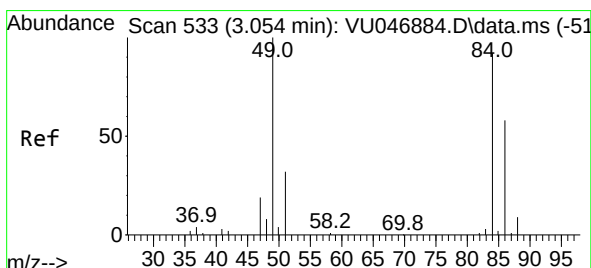
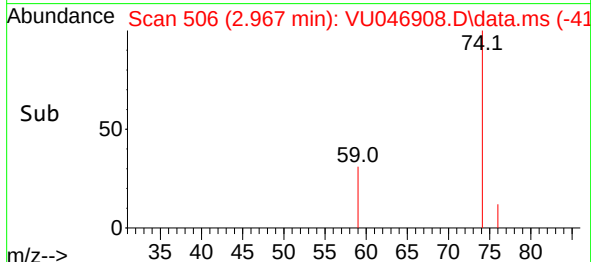
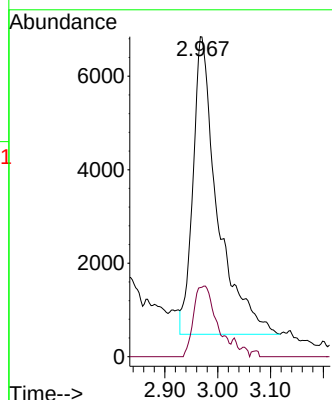
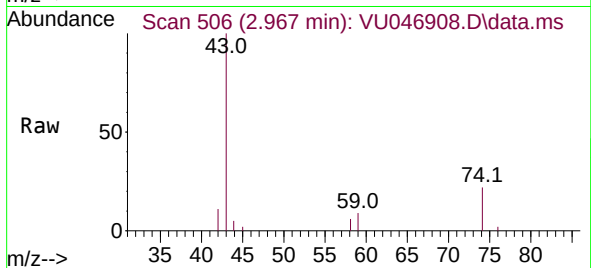




#15
Methyl Acetate
Concen: 5.738 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

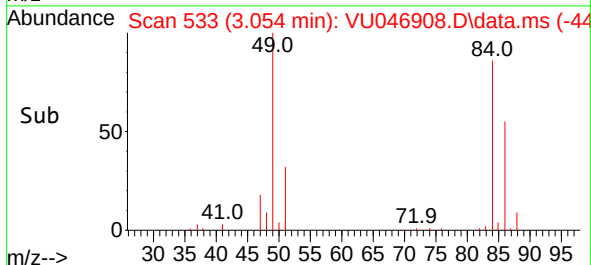
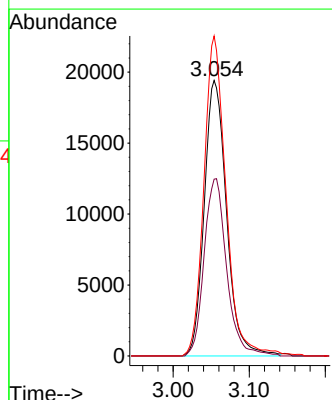
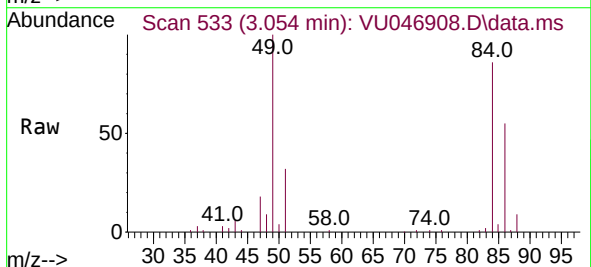
Instrument :
MSVOA_U
ClientSampleId :

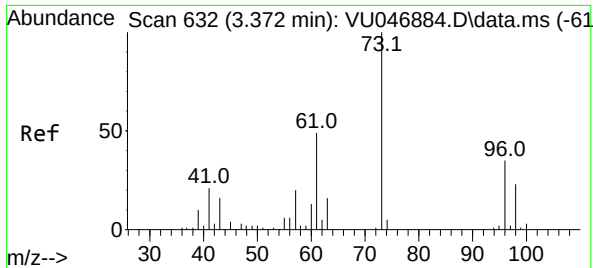
Tgt Ion: 43 Resp: 20609
Ion Ratio Lower Upper
43 100
74 21.8 19.1 28.7



#16
Methylene chloride
Concen: 4.887 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Tgt Ion: 84 Resp: 39687
Ion Ratio Lower Upper
84 100
86 64.2 45.8 85.0
49 116.2 84.5 156.9

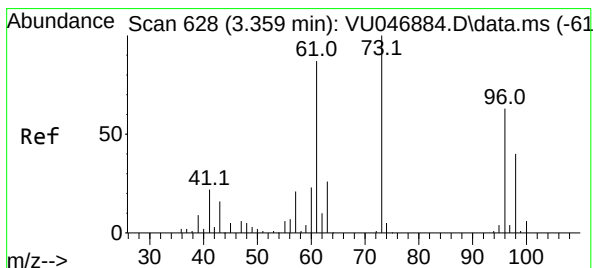
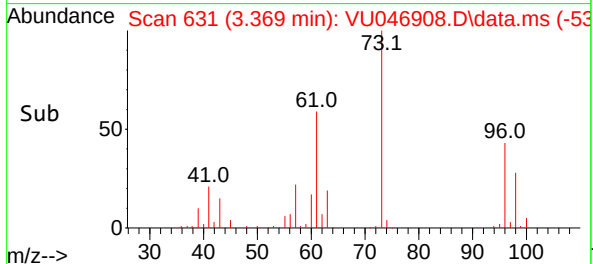
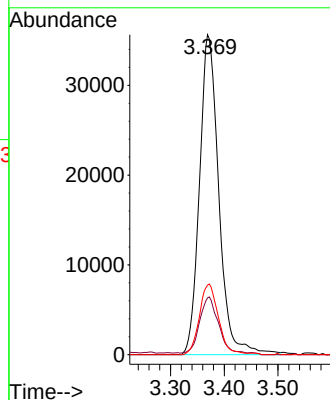
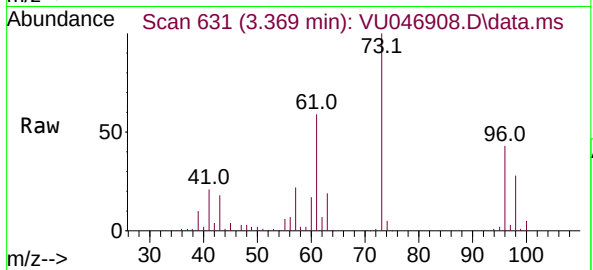




#17
Methyl tert-butyl Ether
Concen: 4.721 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

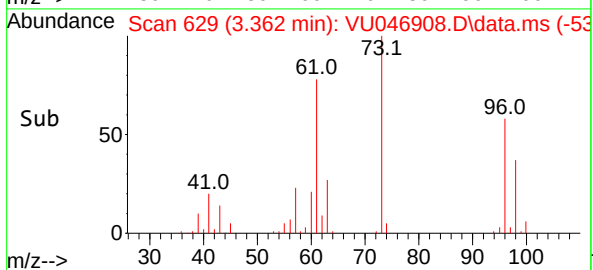
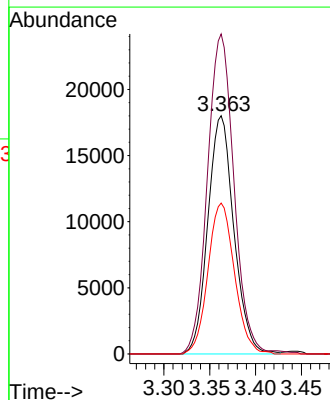
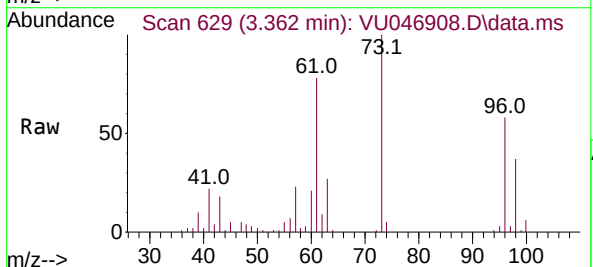
Instrument :
MSVOA_U
ClientSampleId :

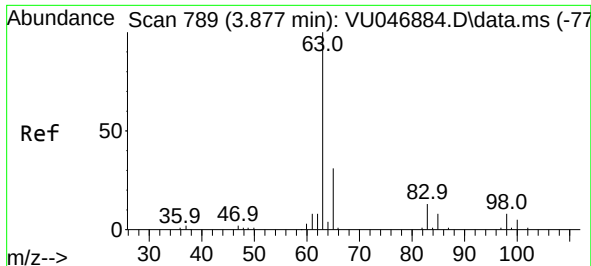
Tgt Ion: 73 Resp: 89074
Ion Ratio Lower Upper
73 100
43 17.2 14.8 22.2
57 21.7 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.893 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Tgt Ion: 96 Resp: 35638
Ion Ratio Lower Upper
96 100
61 134.3 100.8 187.2
98 63.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.484 ug/L

RT: 3.880 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

Instrument :

MSVOA_U

ClientSampleId :

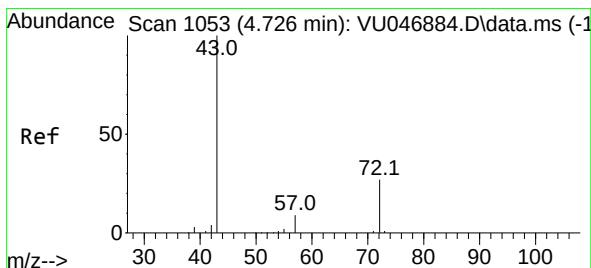
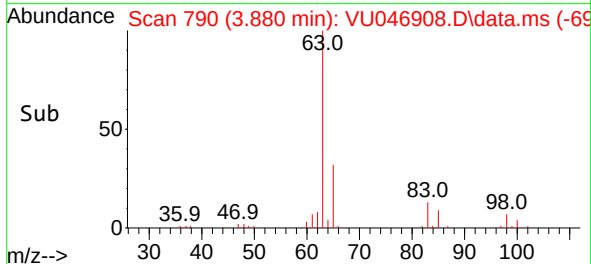
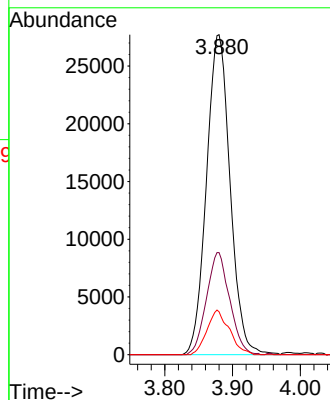
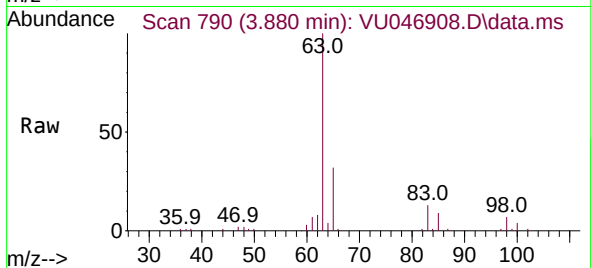
Tgt Ion: 63 Resp: 67059

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 13.4 9.6 17.8



#21

2-Butanone

Concen: 46.134 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. 0.007 min

Lab File: VU046908.D

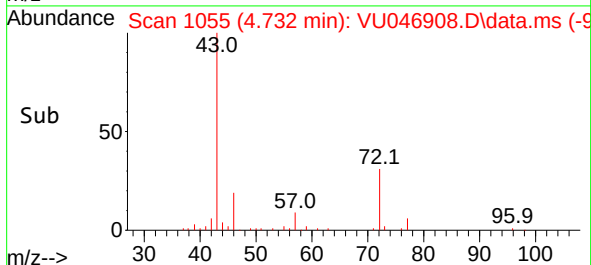
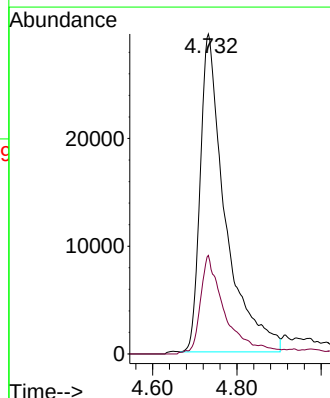
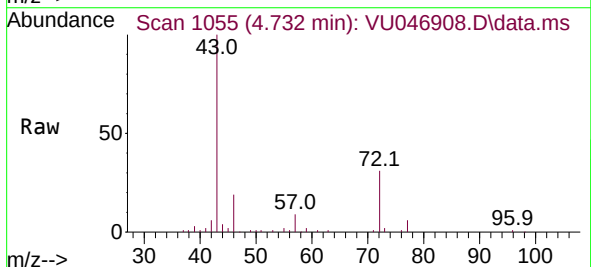
Acq: 31 Jan 2022 10:41

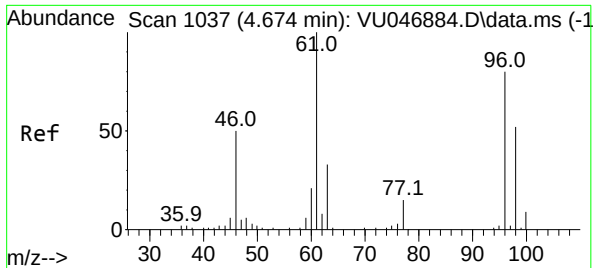
Tgt Ion: 43 Resp: 122000

Ion Ratio Lower Upper

43 100

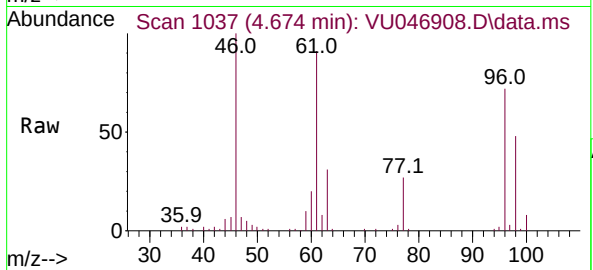
72 28.9 14.1 42.3



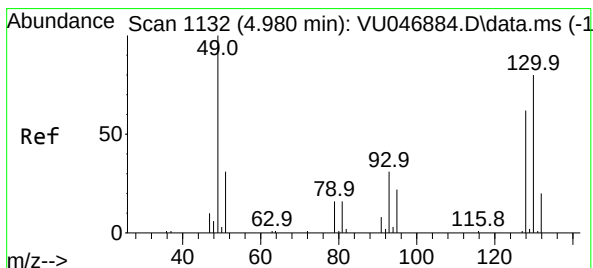
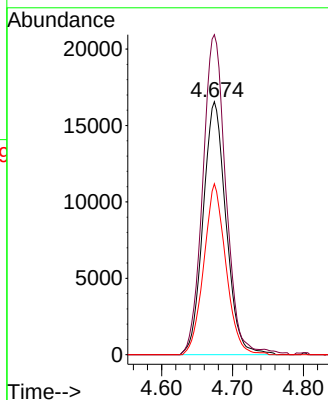
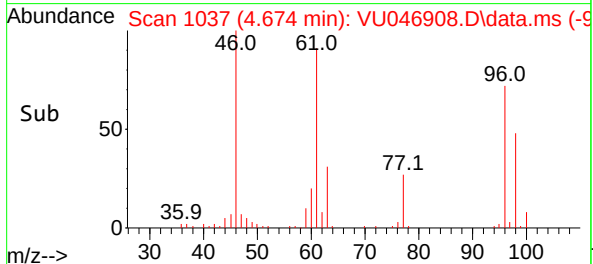


#22
 cis-1,2-Dichloroethene
 Concen: 4.853 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU046908.D
 Acq: 31 Jan 2022 10:41

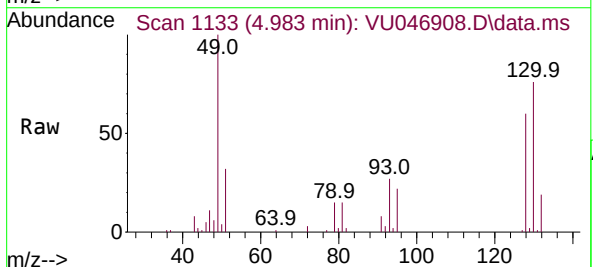
Instrument :
 MSVOA_U
 ClientSampleId :



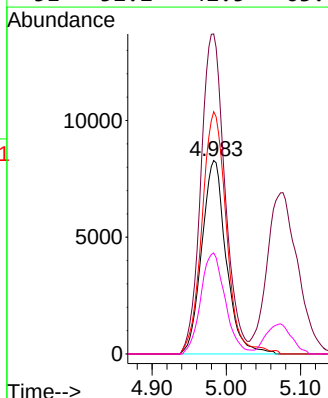
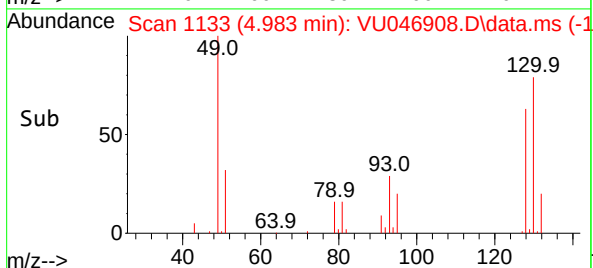
Tgt Ion: 96	Resp:	37290
Ion	Ratio	Lower Upper
96	100	
61	126.5	88.5 164.3
98	67.6	44.4 82.5

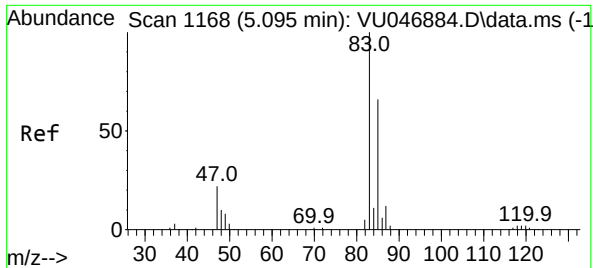


#23
 Bromochloromethane
 Concen: 4.994 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.003 min
 Lab File: VU046908.D
 Acq: 31 Jan 2022 10:41



Tgt Ion: 128	Resp:	18879
Ion	Ratio	Lower Upper
128	100	
49	165.4	117.0 217.2
130	125.2	88.2 163.8
51	52.2	42.5 63.7

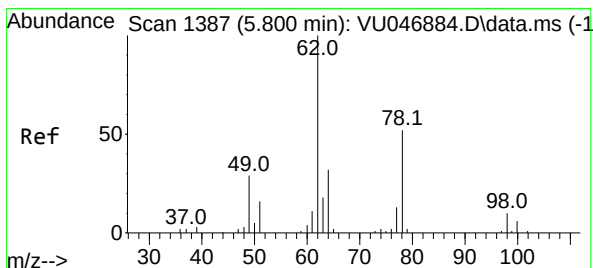
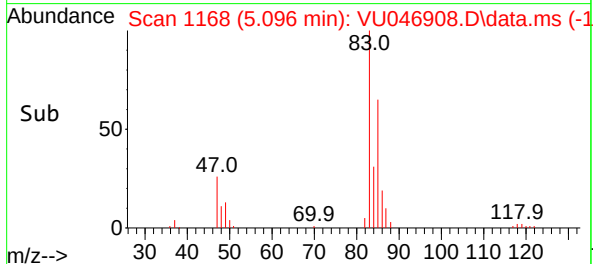
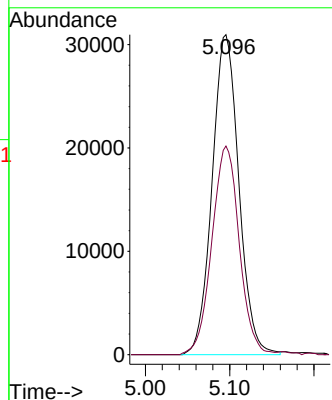
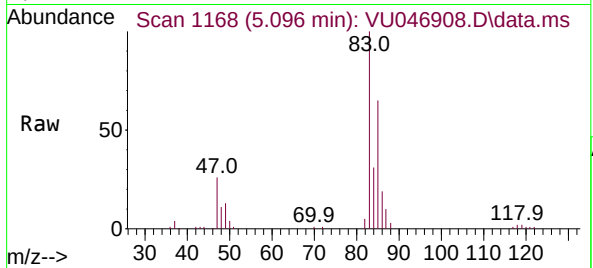




#25
Chloroform
Concen: 3.515 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

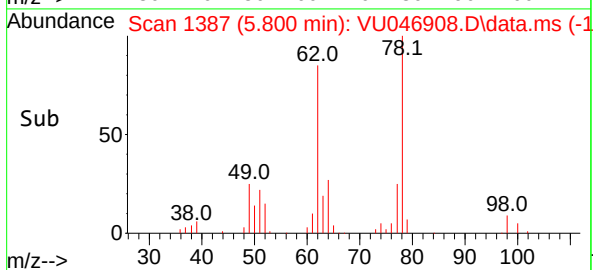
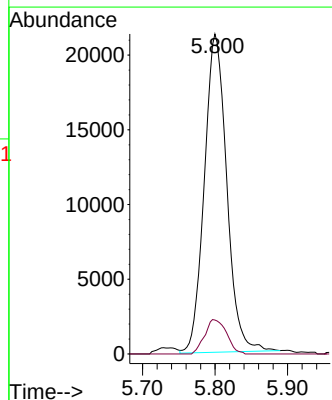
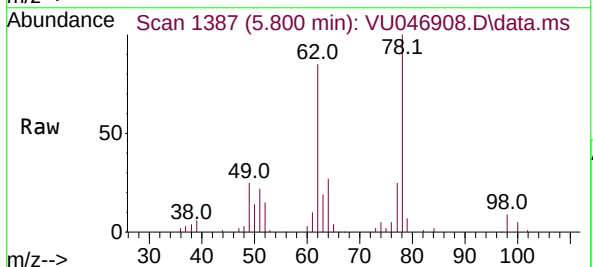
Instrument :
MSVOA_U
ClientSampleId :

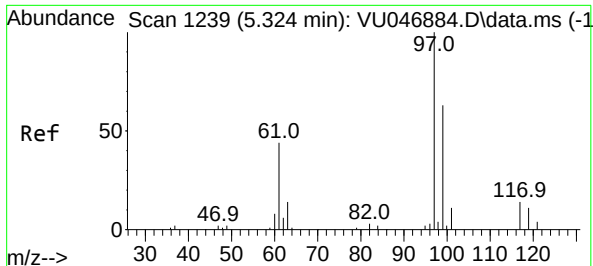
Tgt Ion: 83 Resp: 68221
Ion Ratio Lower Upper
83 100
85 65.2 46.9 87.1



#27
1,2-Dichloroethane
Concen: 5.343 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Tgt Ion: 62 Resp: 45773
Ion Ratio Lower Upper
62 100
98 10.6 7.8 11.8

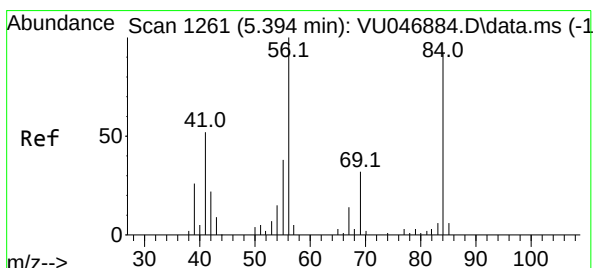
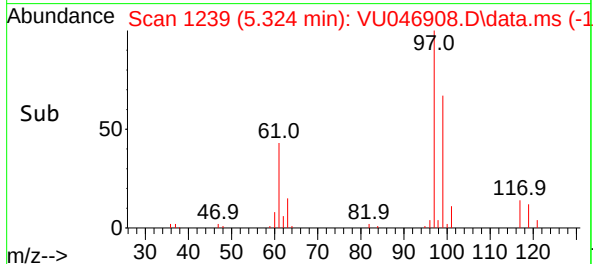
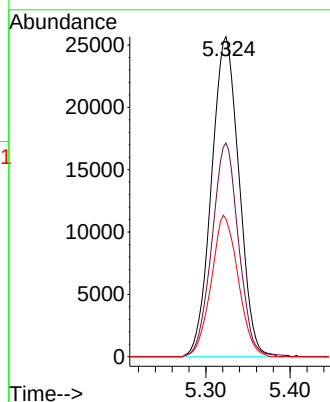
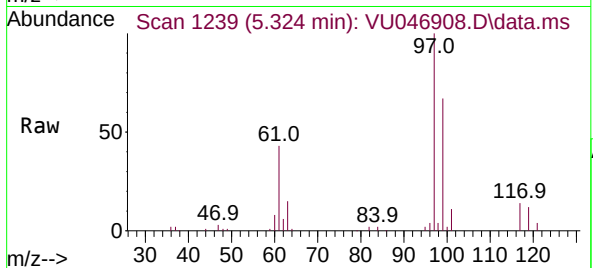




#29
1,1,1-Trichloroethane
Concen: 5.035 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

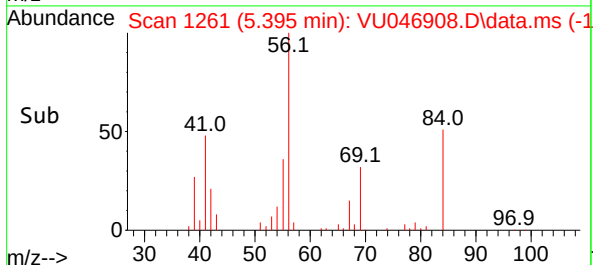
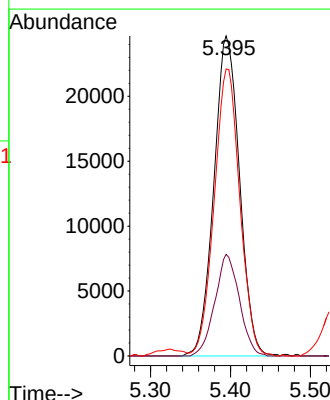
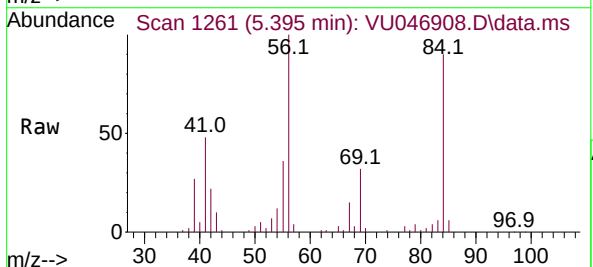
Instrument :
MSVOA_U
ClientSampleId :

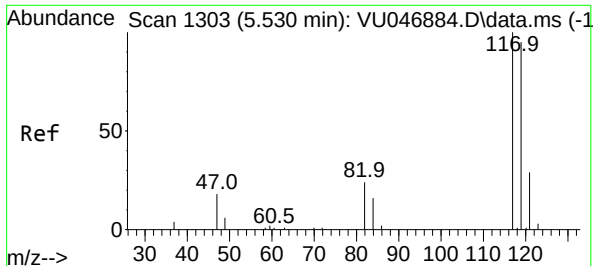
Tgt Ion: 97 Resp: 58118
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 43.3 36.1 54.1



#30
Cyclohexane
Concen: 4.687 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Tgt Ion: 56 Resp: 54875
Ion Ratio Lower Upper
56 100
69 30.3 24.7 37.1
84 89.4 71.8 107.6

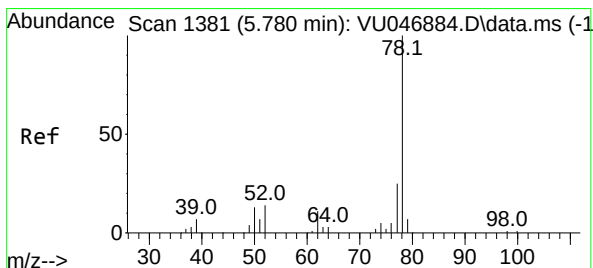
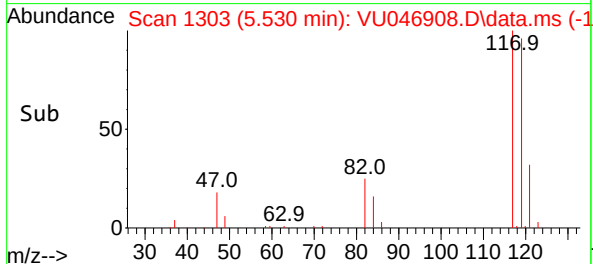
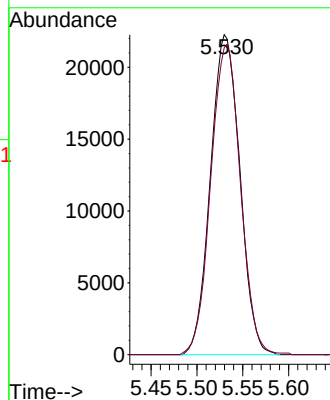
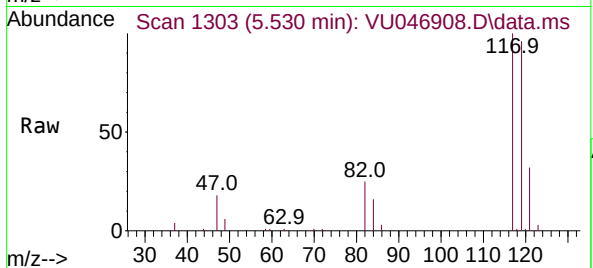




#31
Carbon tetrachloride
Concen: 5.013 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

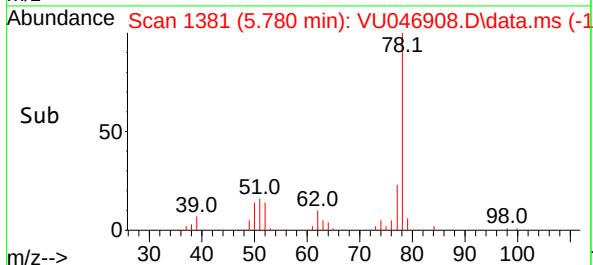
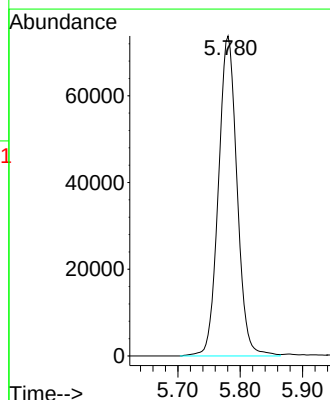
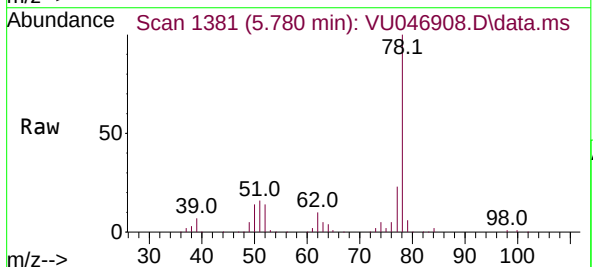
Instrument :
MSVOA_U
ClientSampleId :

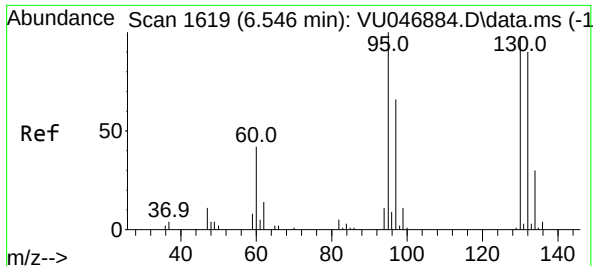
Tgt Ion:117 Resp: 49642
Ion Ratio Lower Upper
117 100
119 97.7 77.5 116.3



#33
Benzene
Concen: 5.067 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Tgt Ion: 78 Resp: 152882

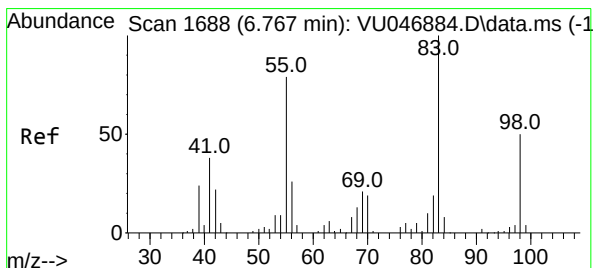
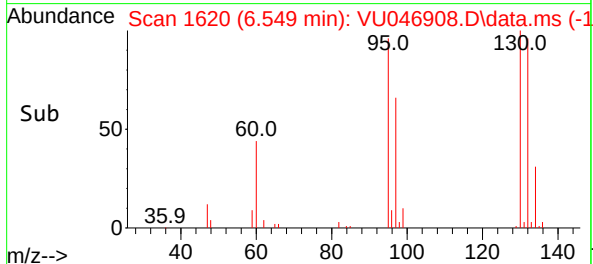
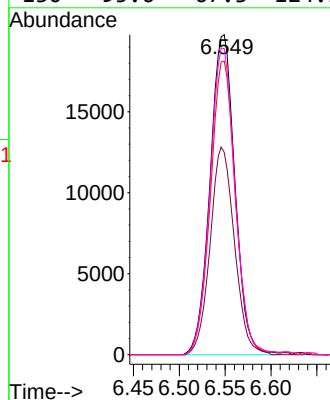
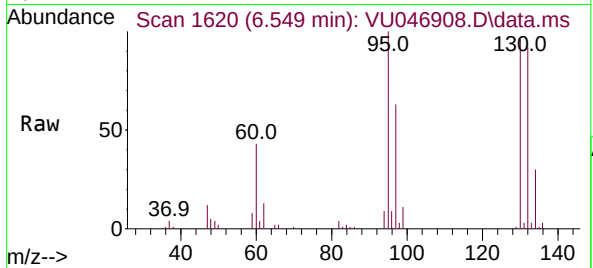




#34
Trichloroethene
Concen: 4.763 ug/L
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

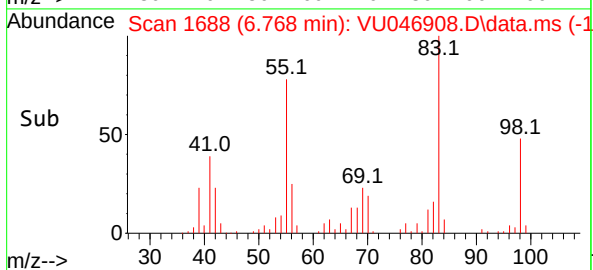
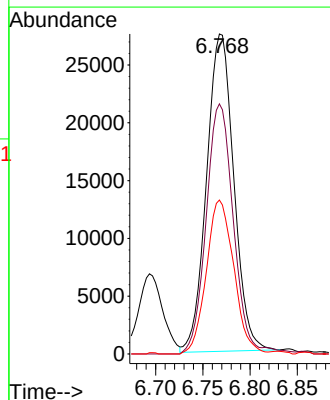
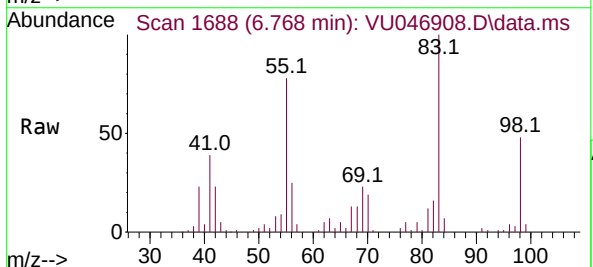
Instrument :
MSVOA_U
ClientSampleId :

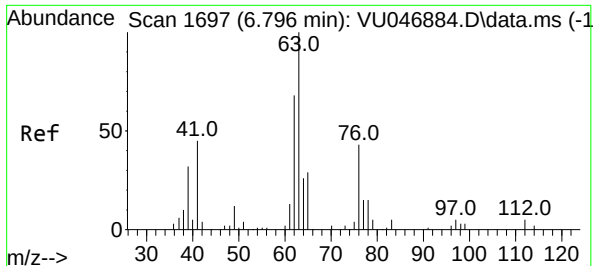
Tgt Ion: 95 Resp: 37311
Ion Ratio Lower Upper
95 100
97 63.2 46.5 86.5
132 91.8 65.1 120.9
130 95.6 67.3 124.9



#35
Methylcyclohexane
Concen: 4.194 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Tgt Ion: 83 Resp: 55030
Ion Ratio Lower Upper
83 100
55 79.1 61.9 92.9
98 48.9 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.414 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

Instrument :

MSVOA_U

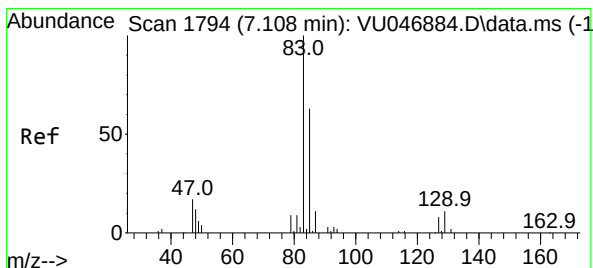
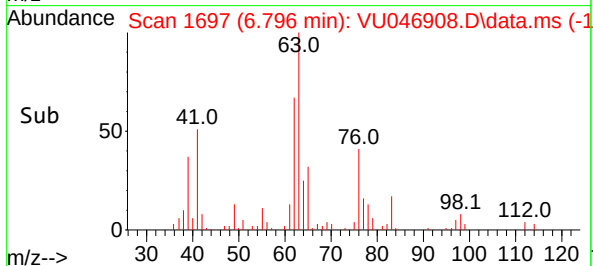
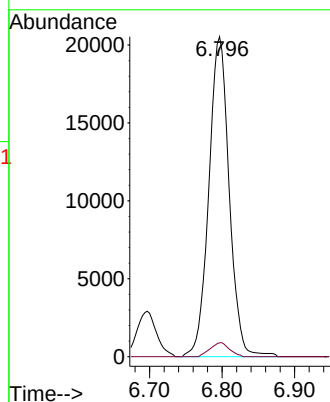
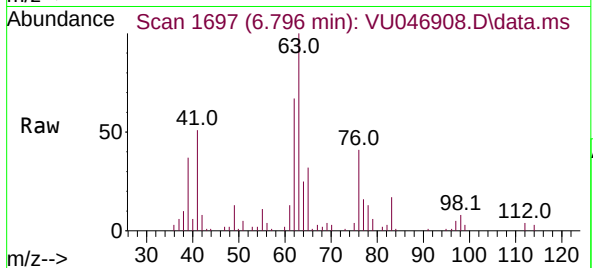
ClientSampleId :

Tgt Ion: 63 Resp: 40070

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 4.705 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

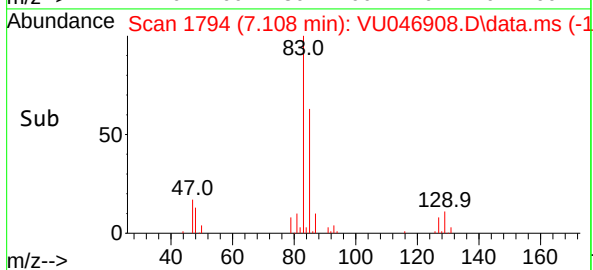
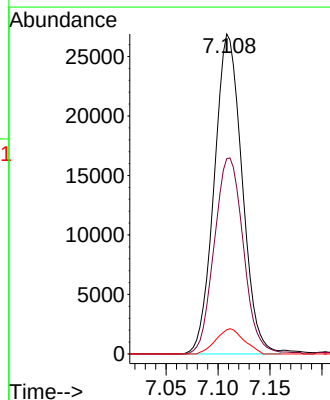
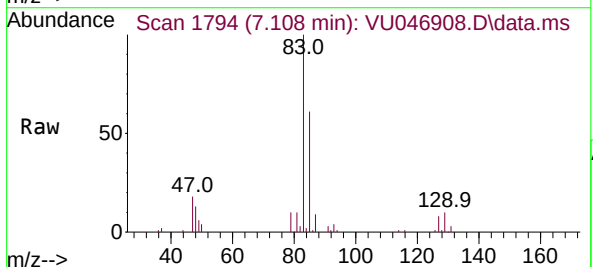
Tgt Ion: 83 Resp: 50120

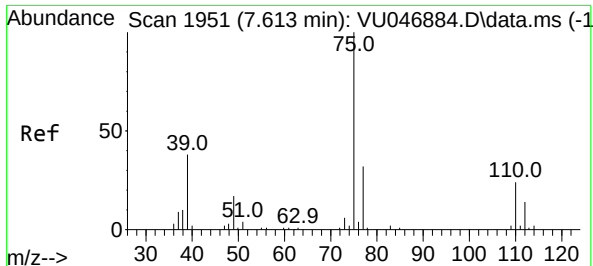
Ion Ratio Lower Upper

83 100

85 61.0 44.0 81.8

127 7.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.694 ug/L

RT: 7.610 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

Instrument :

MSVOA_U

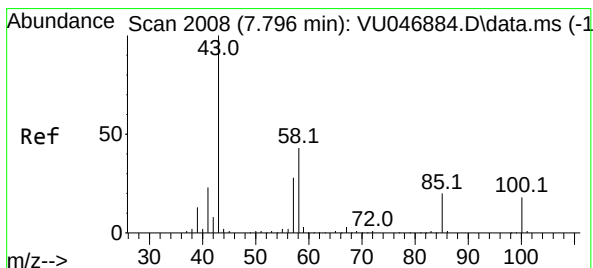
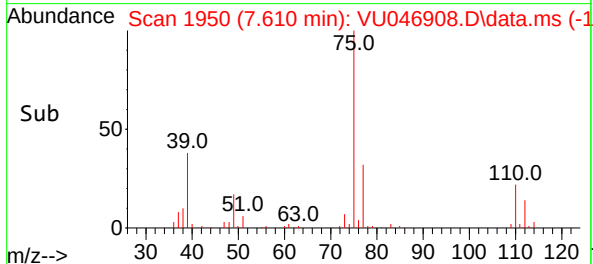
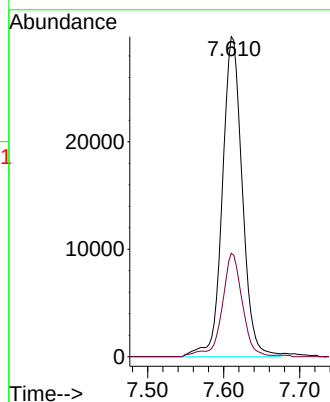
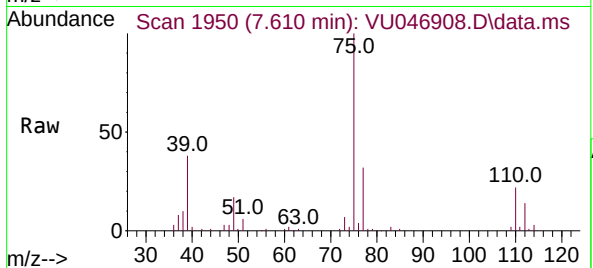
ClientSampleId :

Tgt Ion: 75 Resp: 54207

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 51.990 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

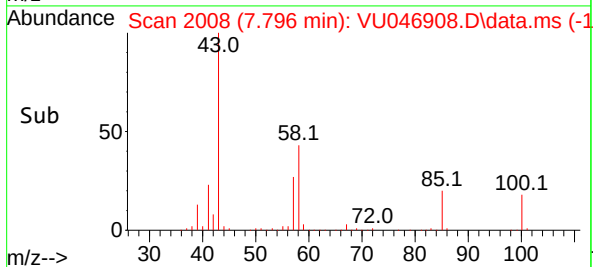
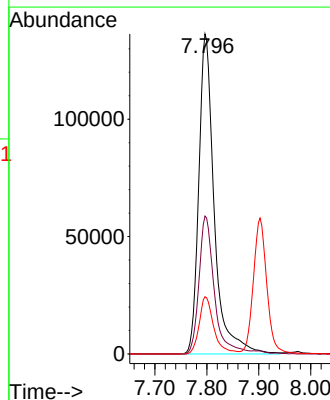
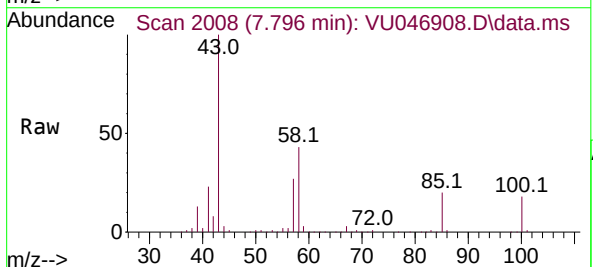
Tgt Ion: 43 Resp: 282091

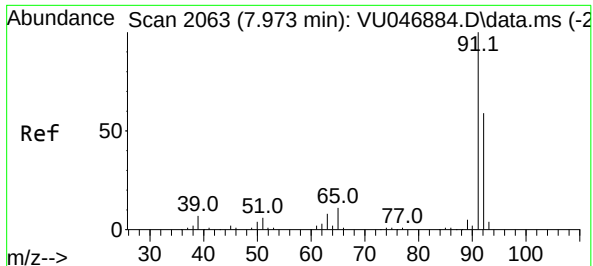
Ion Ratio Lower Upper

43 100

58 42.5 33.1 49.7

100 16.9 13.2 19.8





#42

Toluene

Concen: 4.425 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

Instrument :

MSVOA_U

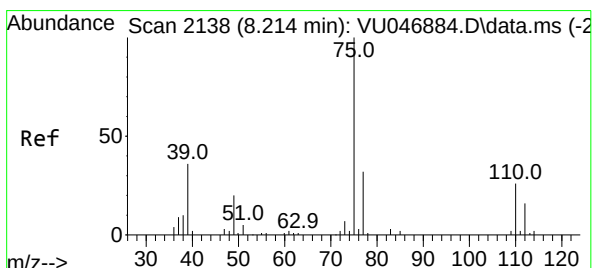
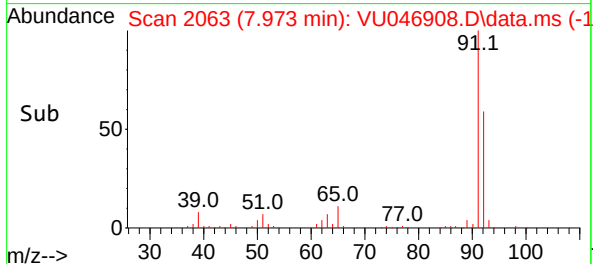
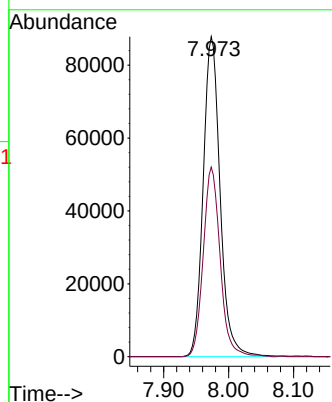
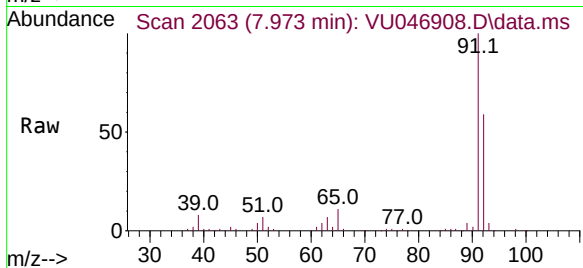
ClientSampleId :

Tgt Ion: 91 Resp: 159581

Ion Ratio Lower Upper

91 100

92 59.2 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.860 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU046908.D

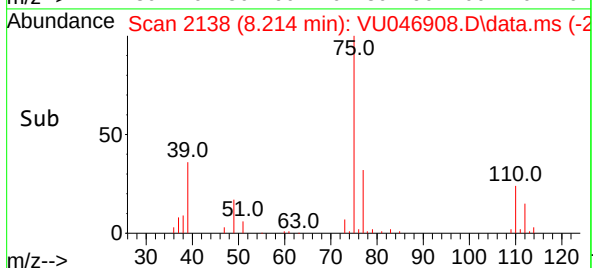
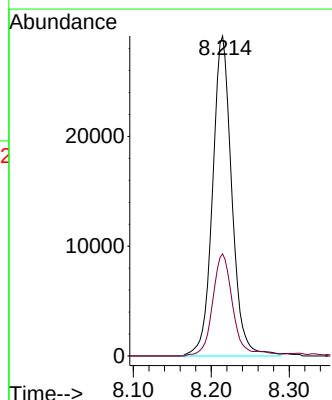
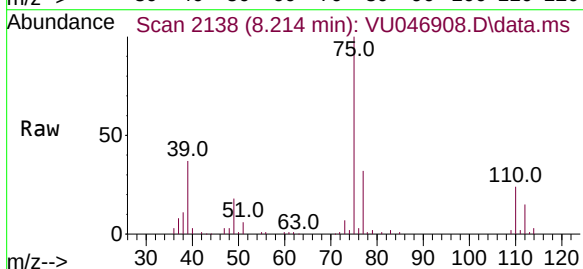
Acq: 31 Jan 2022 10:41

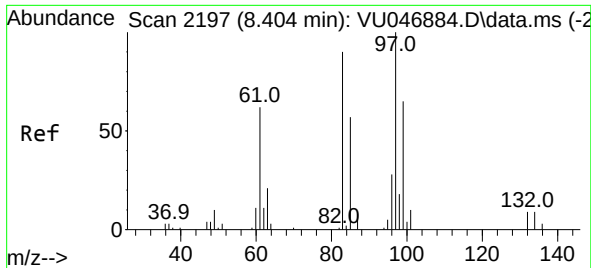
Tgt Ion: 75 Resp: 49997

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.3

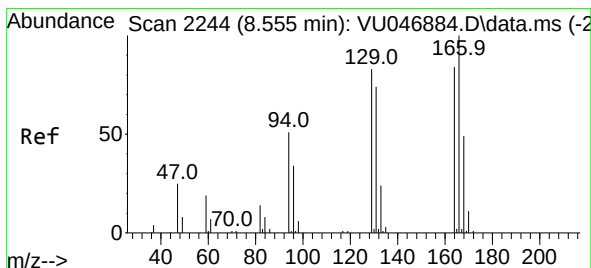
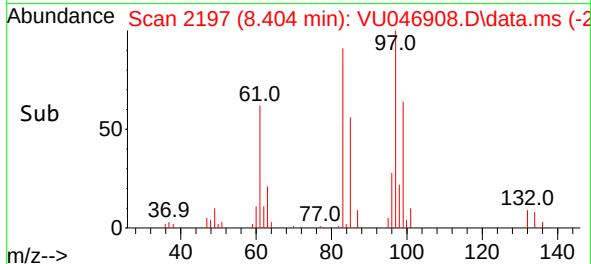
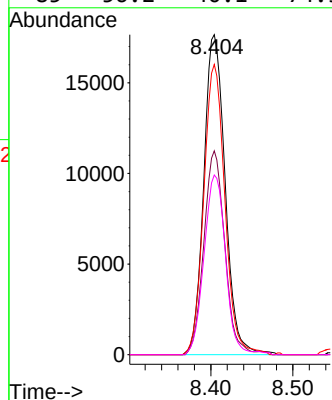
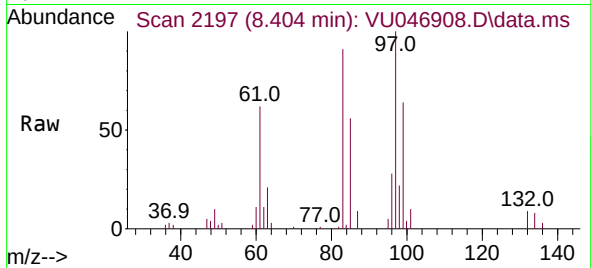




#45
 1,1,2-Trichloroethane
 Concen: 5.073 ug/L
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU046908.D
 Acq: 31 Jan 2022 10:41

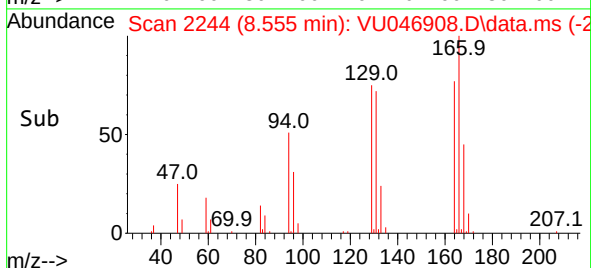
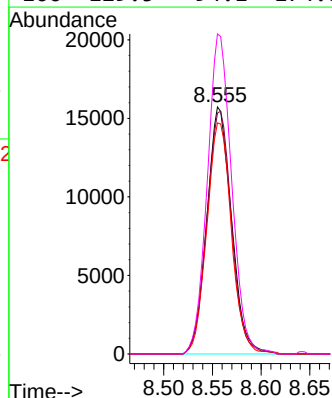
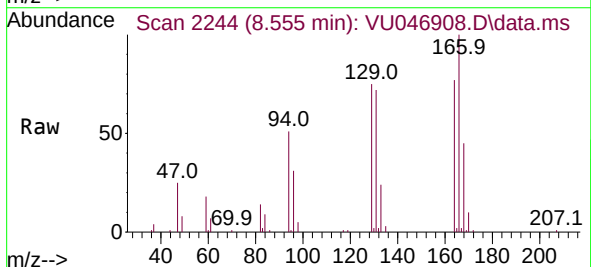
Instrument :
 MSVOA_U
 ClientSampleId :

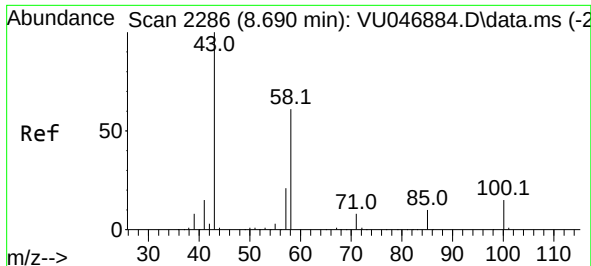
Tgt Ion: 97	Resp: 31941
Ion Ratio	Lower Upper
97 100	
99 63.7	42.3 78.5
83 90.7	62.0 115.2
85 56.2	40.1 74.5



#47
 Tetrachloroethene
 Concen: 4.353 ug/L
 RT: 8.555 min Scan# 2244
 Delta R.T. 0.000 min
 Lab File: VU046908.D
 Acq: 31 Jan 2022 10:41

Tgt	Ion:164	Resp:	27730
Ion	Ratio	Lower	Upper
164	100		
129	97.5	71.8	133.4
131	93.5	68.5	127.3
166	129.5	94.1	174.8

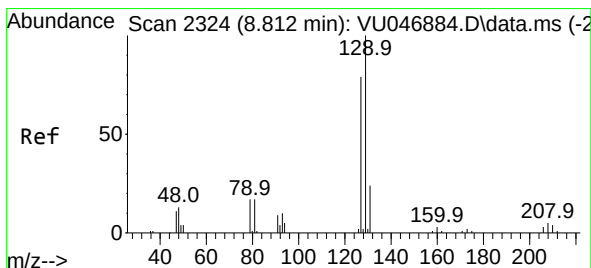
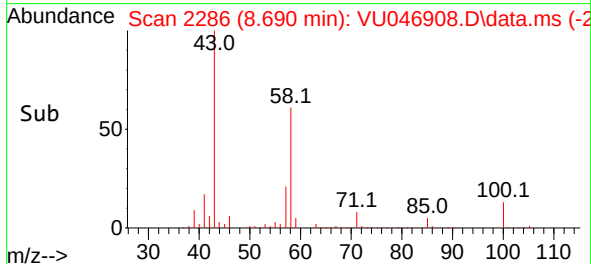
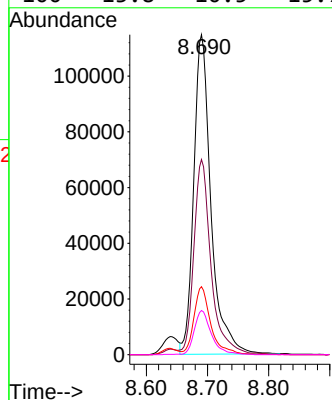
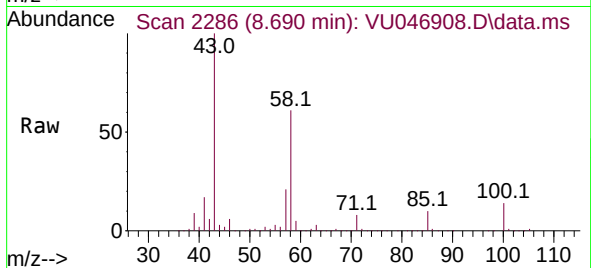




#48
2-Hexanone
Concen: 54.847 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

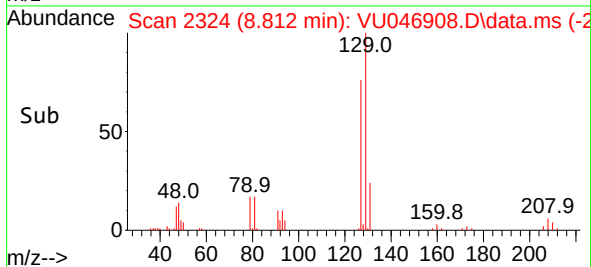
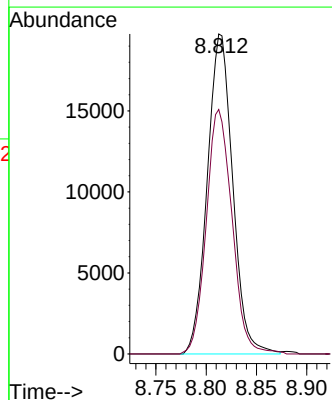
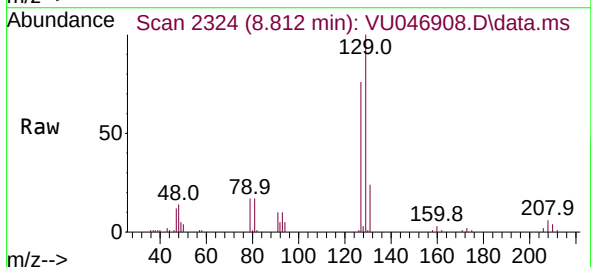
Instrument :
MSVOA_U
ClientSampleId :

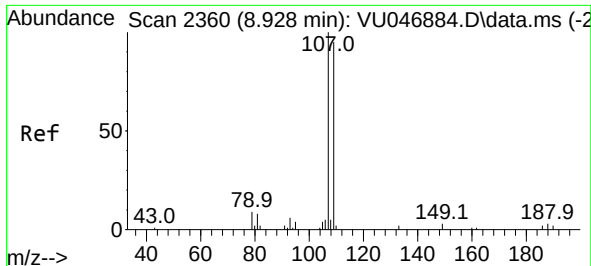
Tgt Ion: 43 Resp: 224628
Ion Ratio Lower Upper
43 100
58 59.5 46.7 70.1
57 20.7 16.3 24.5
100 13.8 10.5 15.7



#49
Dibromochloromethane
Concen: 4.684 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Tgt Ion: 129 Resp: 34792
Ion Ratio Lower Upper
129 100
127 76.4 55.4 102.8





#50

1,2-Dibromoethane

Concen: 4.894 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.000 min

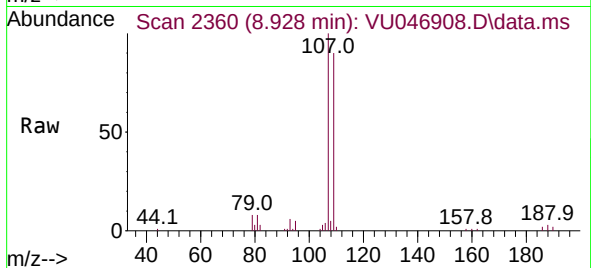
Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

Instrument :

MSVOA_U

ClientSampleId :



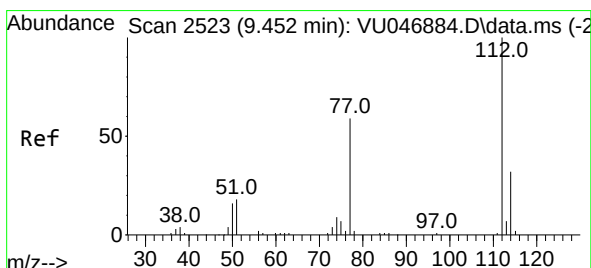
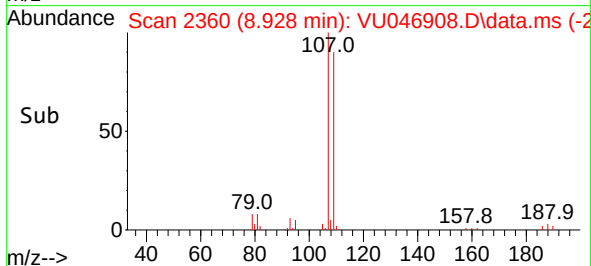
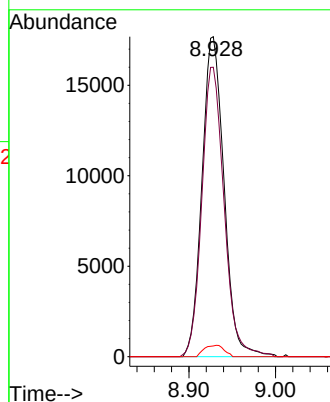
Tgt Ion:107 Resp: 31234

Ion Ratio Lower Upper

107 100

109 90.4 64.0 119.0

188 3.3 2.4 3.6



#51

Chlorobenzene

Concen: 4.640 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.003 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

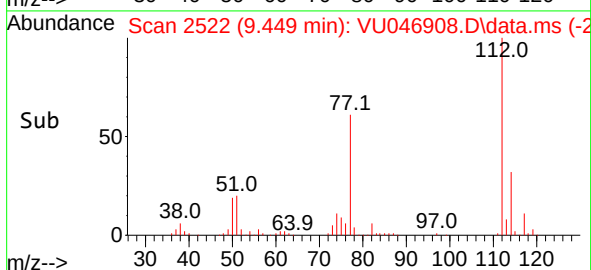
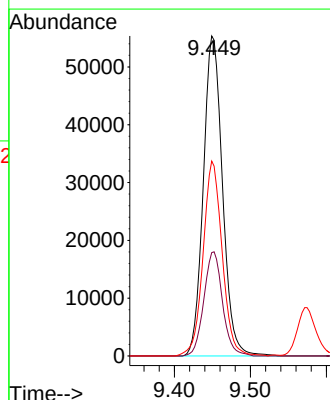
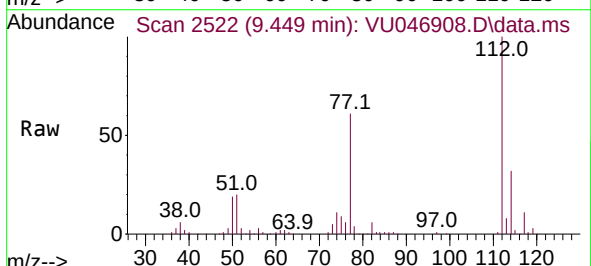
Tgt Ion:112 Resp: 97183

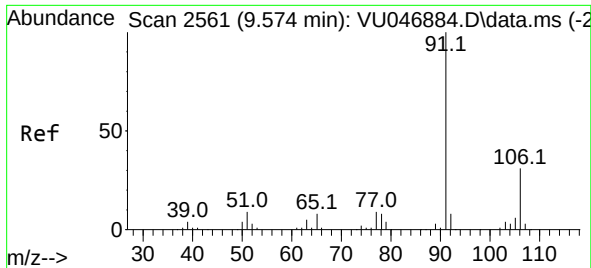
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 60.9 48.3 72.5

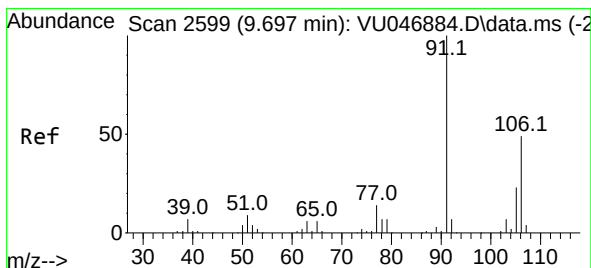
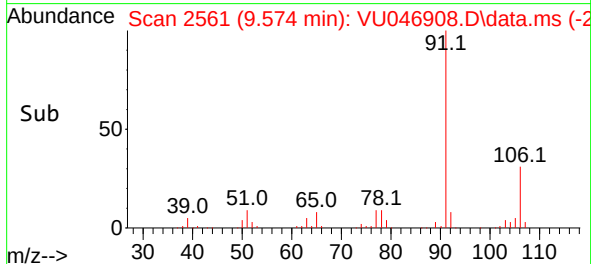
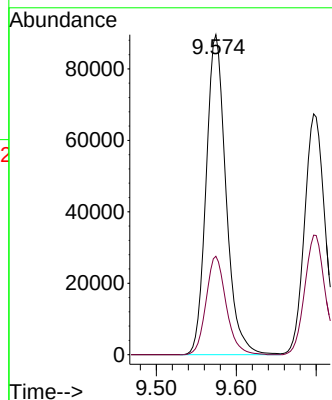
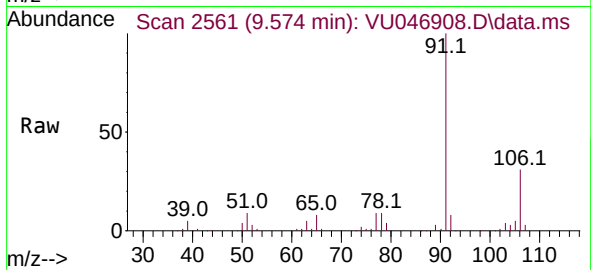




#52
Ethylbenzene
Concen: 4.520 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

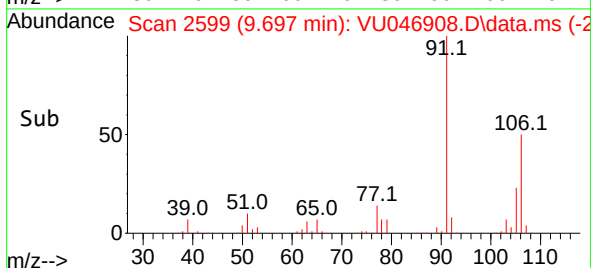
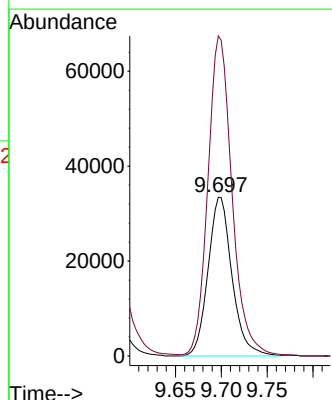
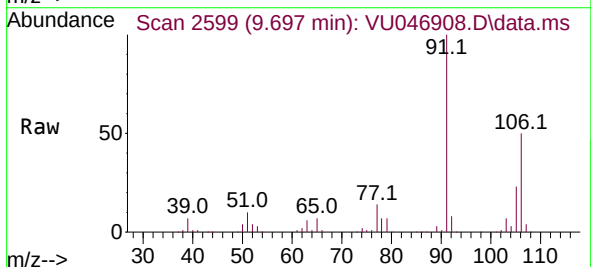
Instrument :
MSVOA_U
ClientSampleId :

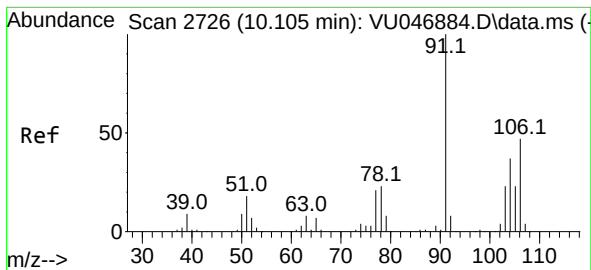
Tgt Ion: 91 Resp: 154960
Ion Ratio Lower Upper
91 100
106 30.8 21.5 39.9



#53
m,p-Xylene
Concen: 4.447 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Tgt Ion: 106 Resp: 60782
Ion Ratio Lower Upper
106 100
91 201.6 139.4 259.0





#54

o-Xylene

Concen: 4.432 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.000 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

Instrument :

MSVOA_U

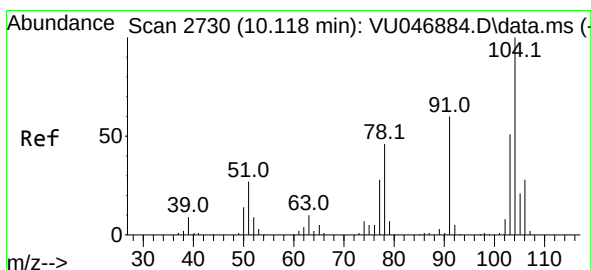
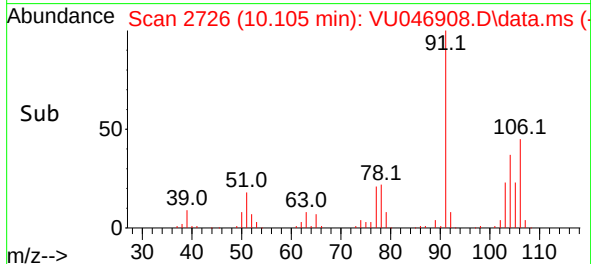
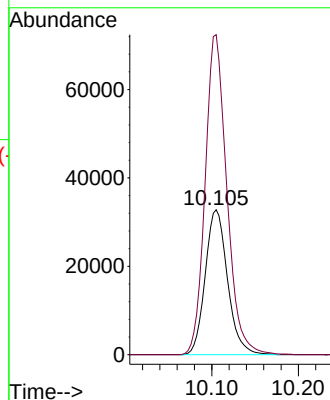
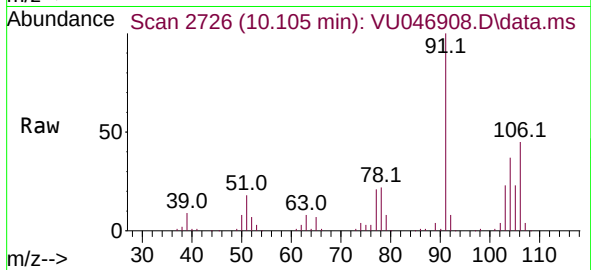
ClientSampleId :

Tgt Ion:106 Resp: 58717

Ion Ratio Lower Upper

106 100

91 220.7 147.5 273.9



#55

Styrene

Concen: 4.713 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU046908.D

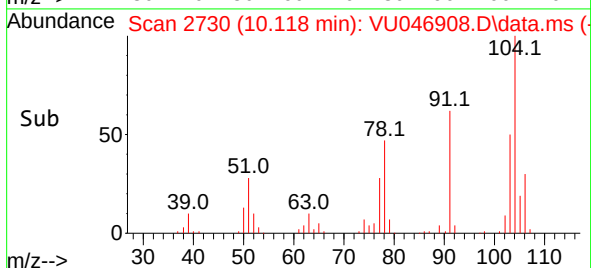
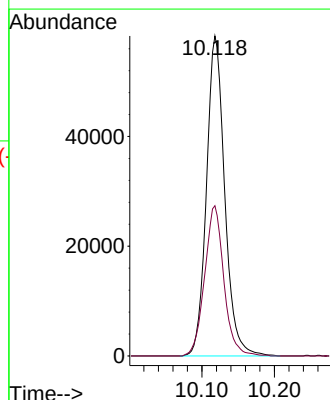
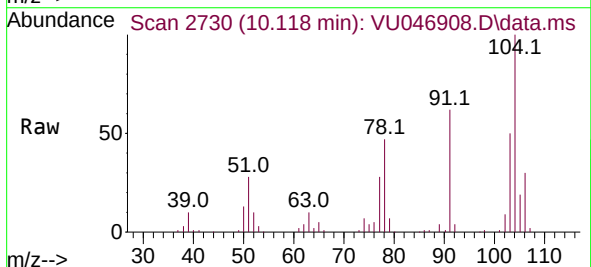
Acq: 31 Jan 2022 10:41

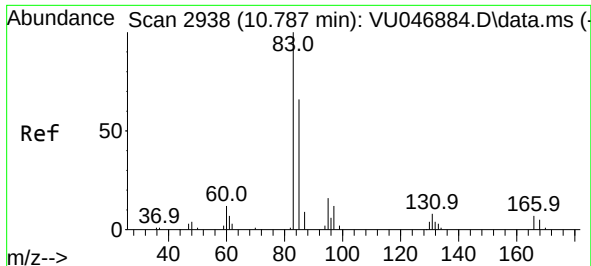
Tgt Ion:104 Resp: 102142

Ion Ratio Lower Upper

104 100

78 47.0 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.192 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. 0.000 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

Instrument :

MSVOA_U

ClientSampleId :

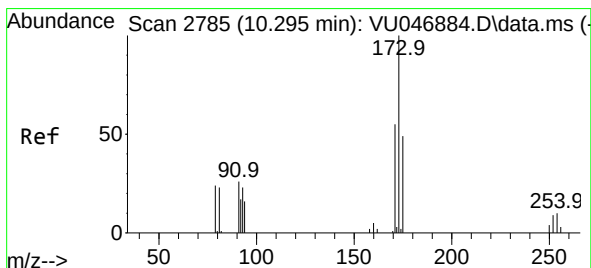
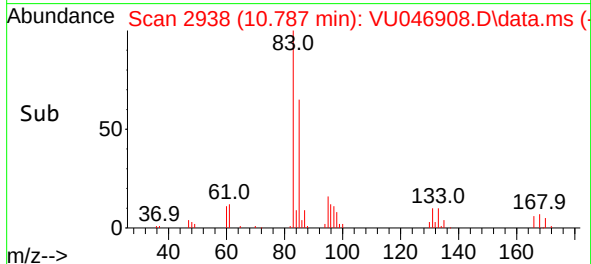
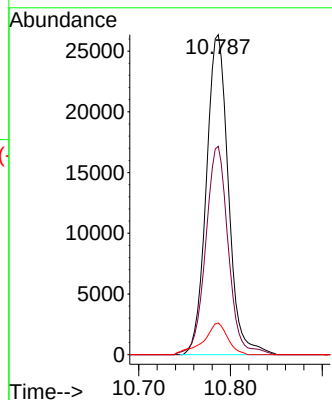
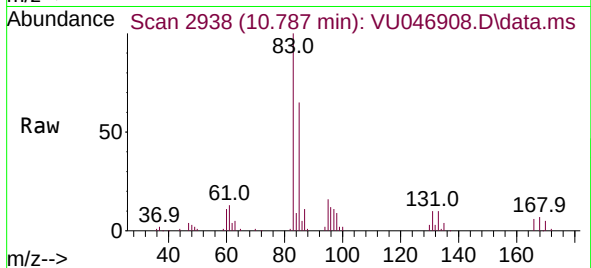
Tgt Ion: 83 Resp: 43964

Ion Ratio Lower Upper

83 100

85 65.1 47.9 89.1

131 9.9 8.1 12.1



#59

Bromoform

Concen: 4.976 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

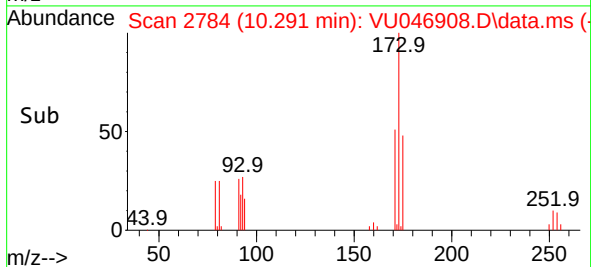
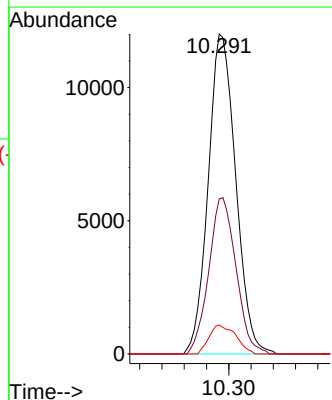
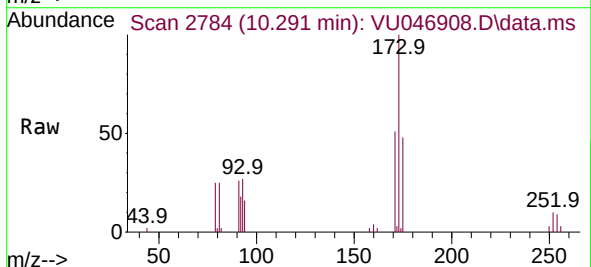
Tgt Ion:173 Resp: 20610

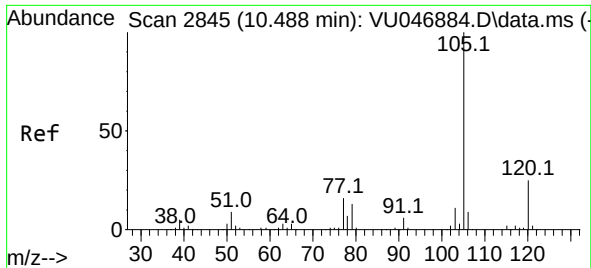
Ion Ratio Lower Upper

173 100

175 48.3 37.8 56.6

254 8.8 7.3 10.9

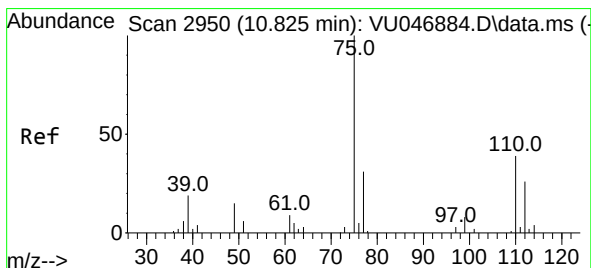
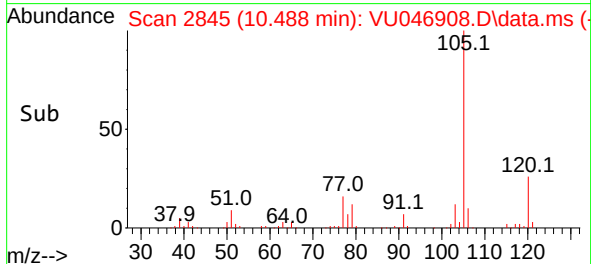
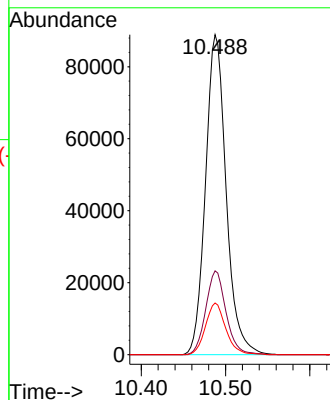
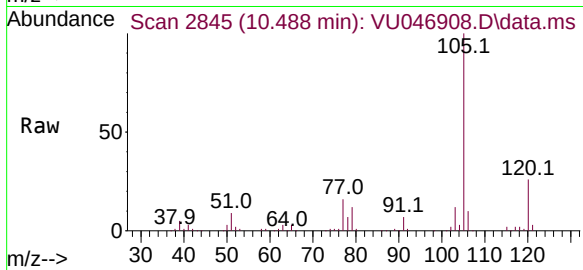




#60
Isopropylbenzene
Concen: 4.842 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

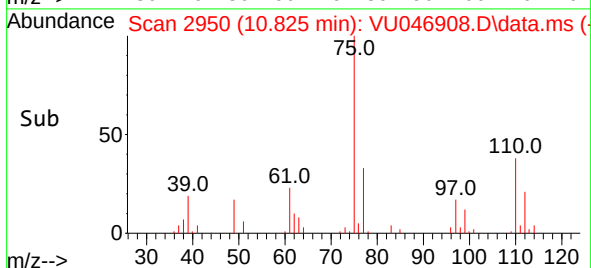
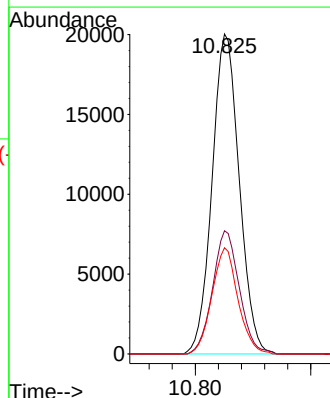
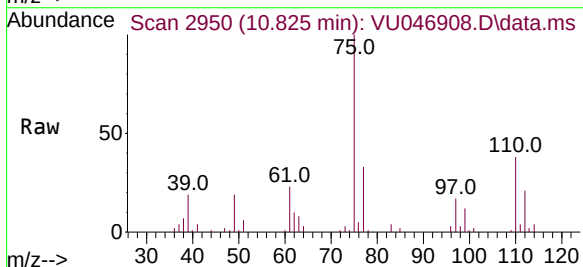
Instrument :
MSVOA_U
ClientSampleId :

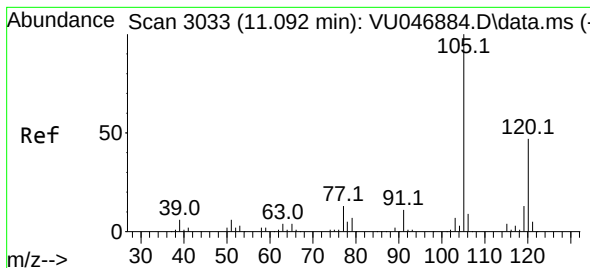
Tgt Ion:105 Resp: 151720
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.737 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Tgt Ion: 75 Resp: 32697
Ion Ratio Lower Upper
75 100
110 37.9 29.9 44.9
77 31.8 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.417 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

Instrument :

MSVOA_U

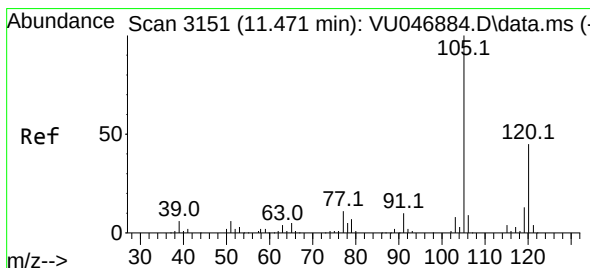
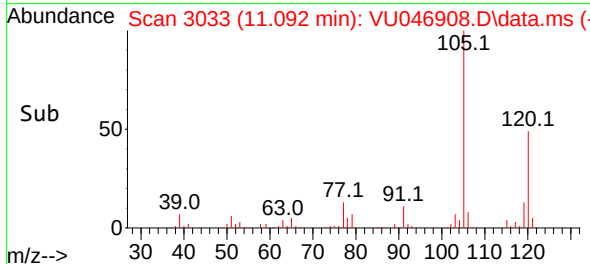
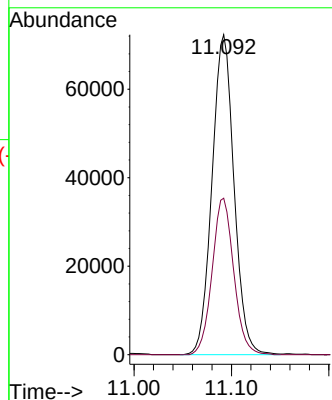
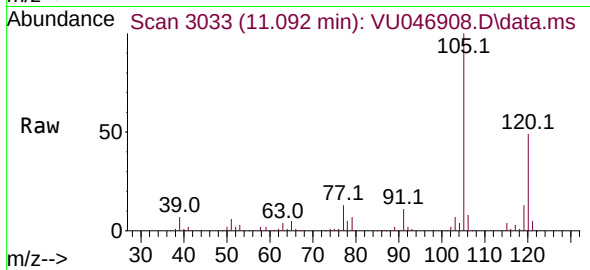
ClientSampleId :

Tgt Ion:105 Resp: 113604

Ion Ratio Lower Upper

105 100

120 47.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 4.440 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU046908.D

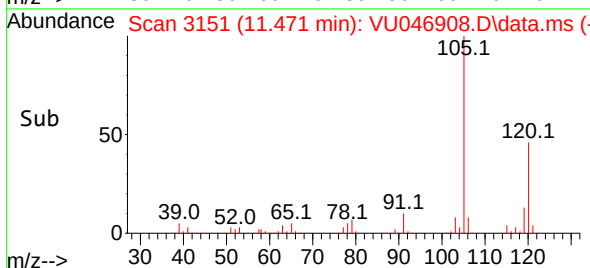
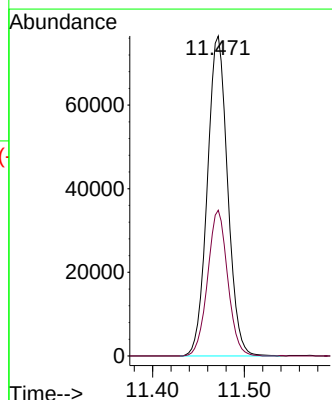
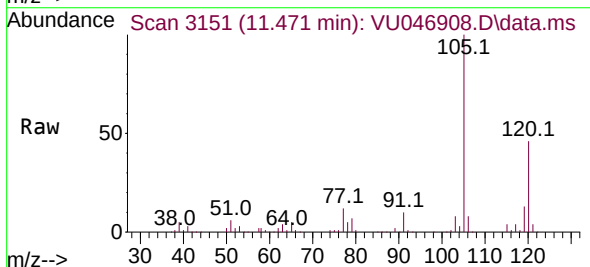
Acq: 31 Jan 2022 10:41

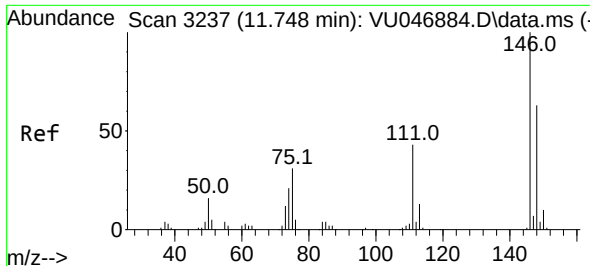
Tgt Ion:105 Resp: 117491

Ion Ratio Lower Upper

105 100

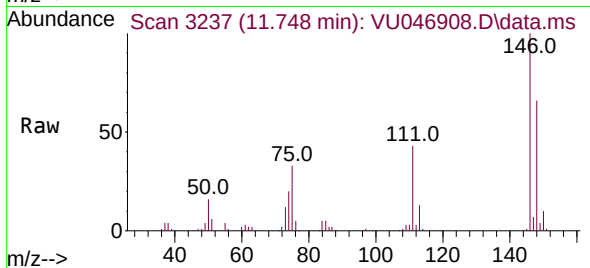
120 45.0 35.8 53.8



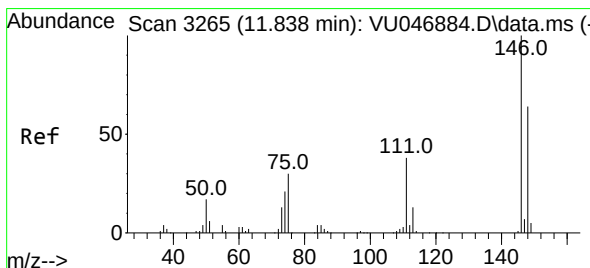
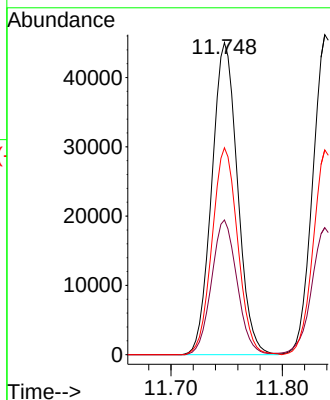
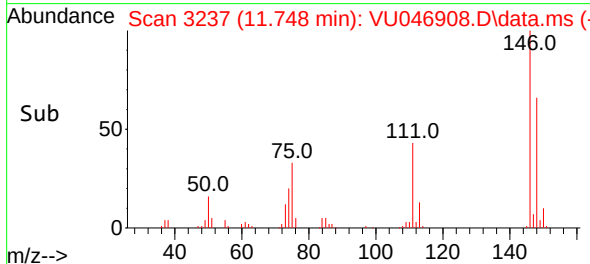


#64
1,3-Dichlorobenzene
Concen: 4.628 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

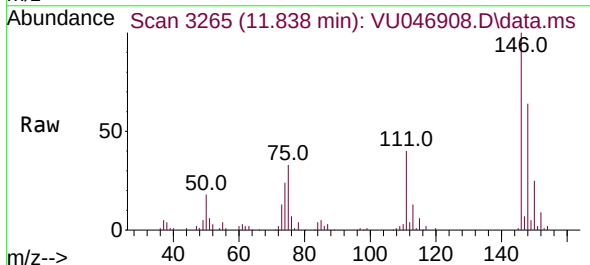
Instrument :
MSVOA_U
ClientSampleId :



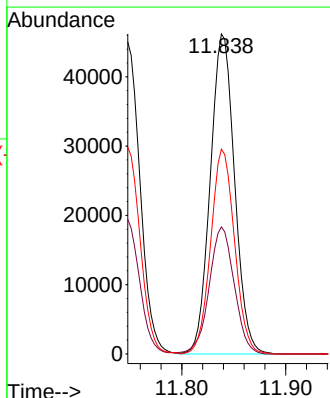
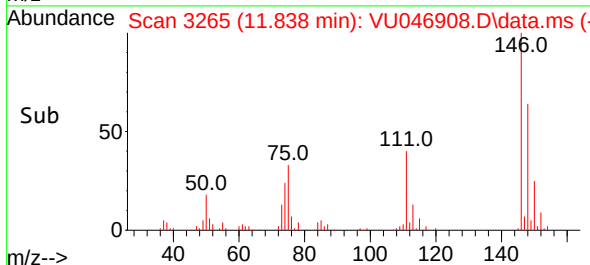
Tgt Ion:146 Resp: 72474
Ion Ratio Lower Upper
146 100
111 43.2 29.9 55.5
148 66.3 44.3 82.3

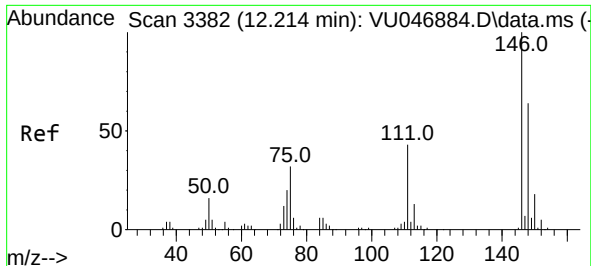


#65
1,4-Dichlorobenzene
Concen: 4.769 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41



Tgt Ion:146 Resp: 75161
Ion Ratio Lower Upper
146 100
111 39.7 28.7 53.3
148 64.0 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.650 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

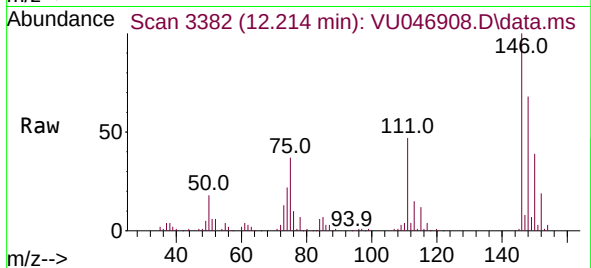
Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

Instrument :

MSVOA_U

ClientSampleId :



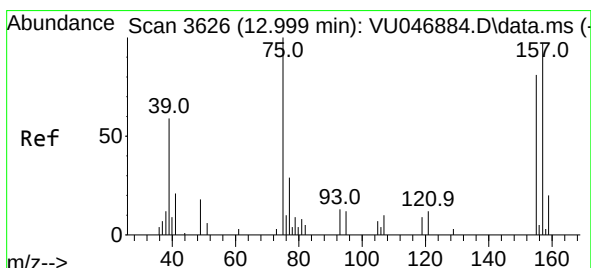
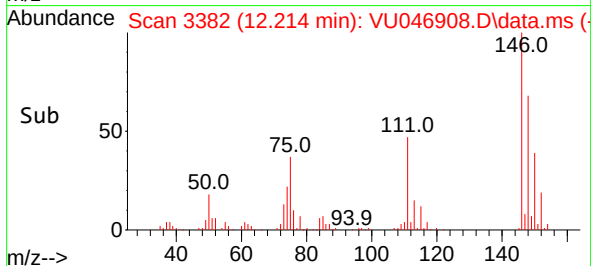
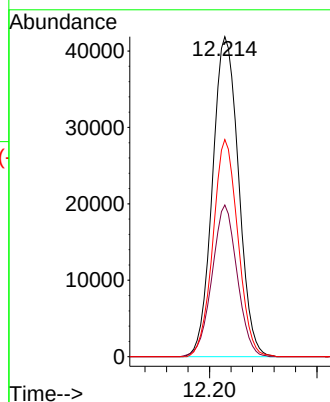
Tgt Ion:146 Resp: 70429

Ion Ratio Lower Upper

146 100

111 47.4 35.4 53.0

148 67.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.673 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046908.D

Acq: 31 Jan 2022 10:41

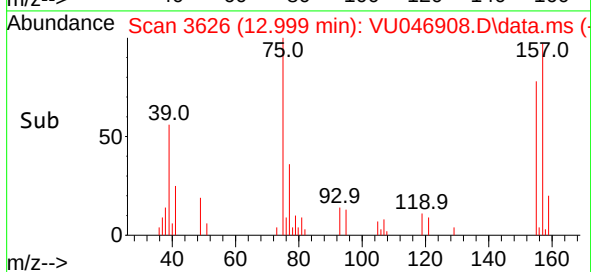
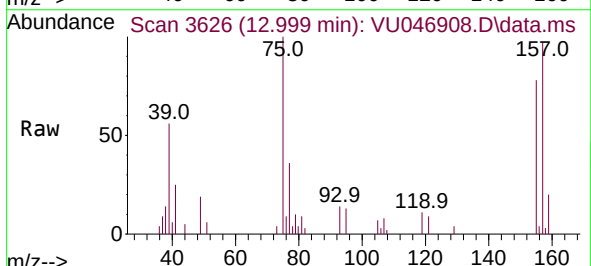
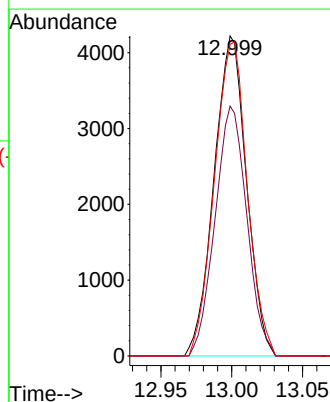
Tgt Ion: 75 Resp: 6711

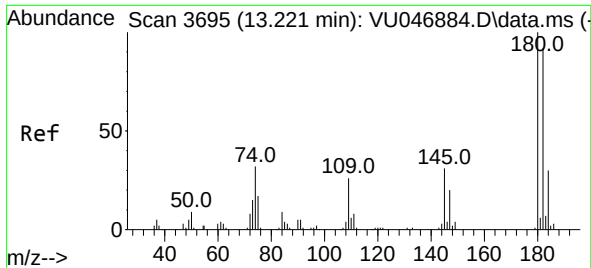
Ion Ratio Lower Upper

75 100

155 78.1 59.2 88.8

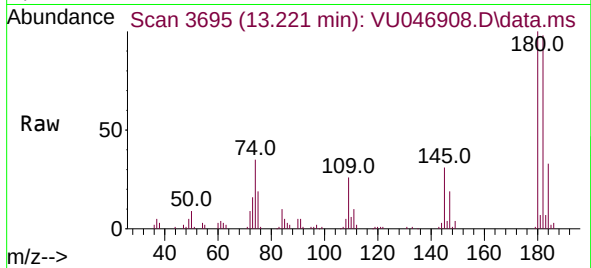
157 97.4 76.5 114.7



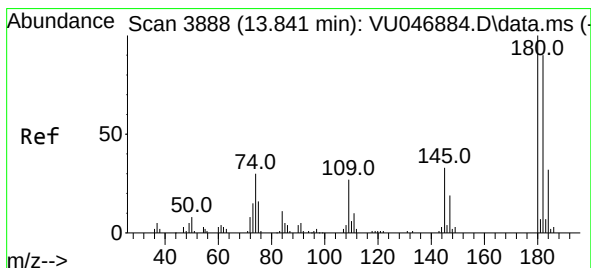
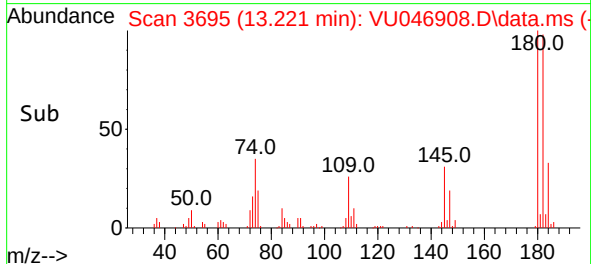
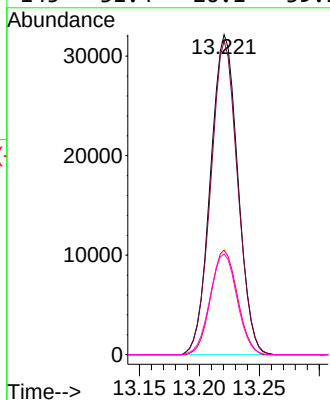


#69
 1,3,5-Trichlorobenzene
 Concen: 4.111 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046908.D
 Acq: 31 Jan 2022 10:41

Instrument :
 MSVOA_U
 ClientSampleId :

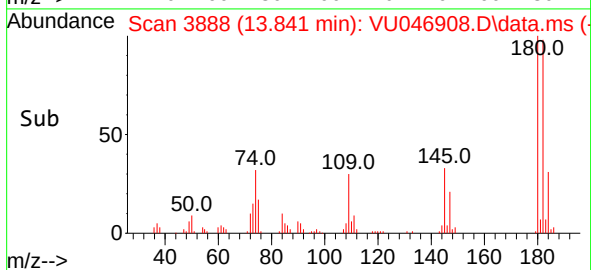
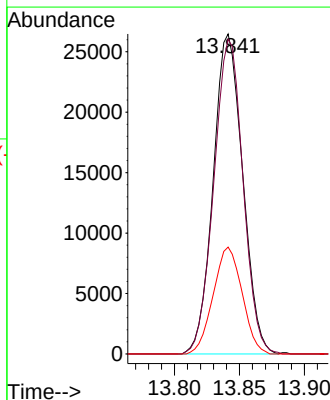
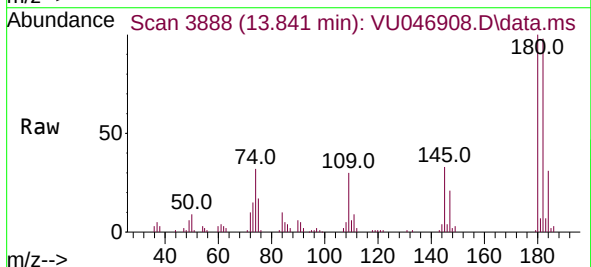


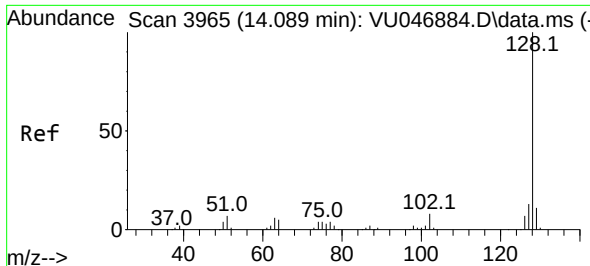
Tgt Ion:180 Resp: 50757
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.1 114.1
 184 31.8 25.0 37.4
 145 31.4 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.042 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046908.D
 Acq: 31 Jan 2022 10:41

Tgt Ion:180 Resp: 41719
 Ion Ratio Lower Upper
 180 100
 182 97.3 76.4 114.6
 145 32.8 25.6 38.4

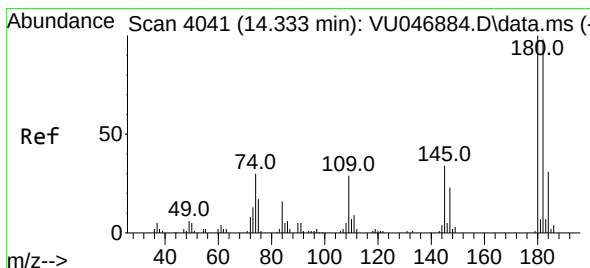
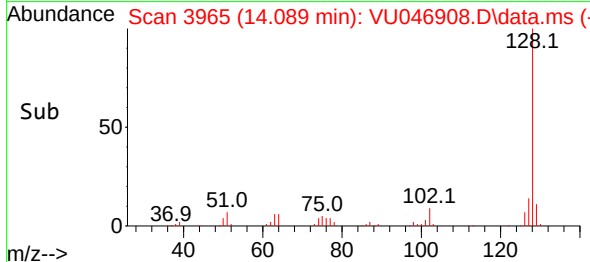
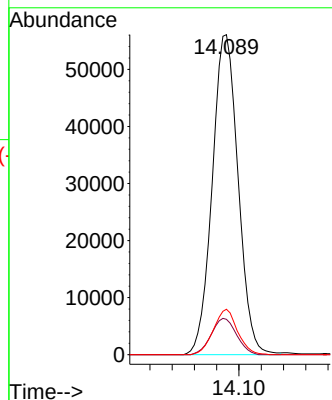
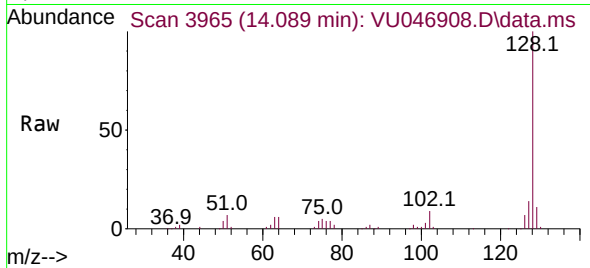




#71
Naphthalene
Concen: 4.309 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 90554
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.448 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU046908.D
Acq: 31 Jan 2022 10:41

Tgt Ion:180 Resp: 43365
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.4
145 34.2 28.4 42.6

