

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122221\
 Data File : VU046566.D
 Acq On : 22 Dec 2021 21:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 23 04:33:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 23 04:25:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	83872	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	82604	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43481	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	26997	4.086	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.919	69	22180	4.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.571	65	12238	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.661	46	95142	49.649	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.300%
24) Chloroform-d	5.067	84	55736	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.706	65	31760	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.732	84	102070	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.694	67	32103	4.640	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.899	98	93141	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.179	79	13840	4.325	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.639	63	91040	48.454	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33039	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	36300	4.532	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	65022	5.066	ug/L	98
3) Chloromethane	1.523	50	52986	4.794	ug/L	99
5) Vinyl chloride	1.607	62	51594	4.741	ug/L	99
6) Bromomethane	1.864	94	29590	4.518	ug/L	100
8) Chloroethane	1.941	64	30024	4.700	ug/L	98
9) Trichlorofluoromethane	2.144	101	72446	5.090	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36789	5.077	ug/L	95
12) 1,1-Dichloroethene	2.588	96	37155	5.036	ug/L #	74
13) Acetone	2.671	43	14144	7.873	ug/L #	1
14) Carbon disulfide	2.800	76	116980	4.854	ug/L	100
15) Methyl Acetate	2.970	43	16094	4.435	ug/L	94
16) Methylene chloride	3.054	84	41315	4.602	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	99973	4.645	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	38558	4.899	ug/L	97
19) 1,1-Dichloroethane	3.877	63	69946	4.824	ug/L	99
21) 2-Butanone	4.735	43	124253	45.584	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	41527	4.827	ug/L	98
23) Bromochloromethane	4.980	128	20490	4.785	ug/L	91
25) Chloroform	5.092	83	73872	4.716	ug/L	99

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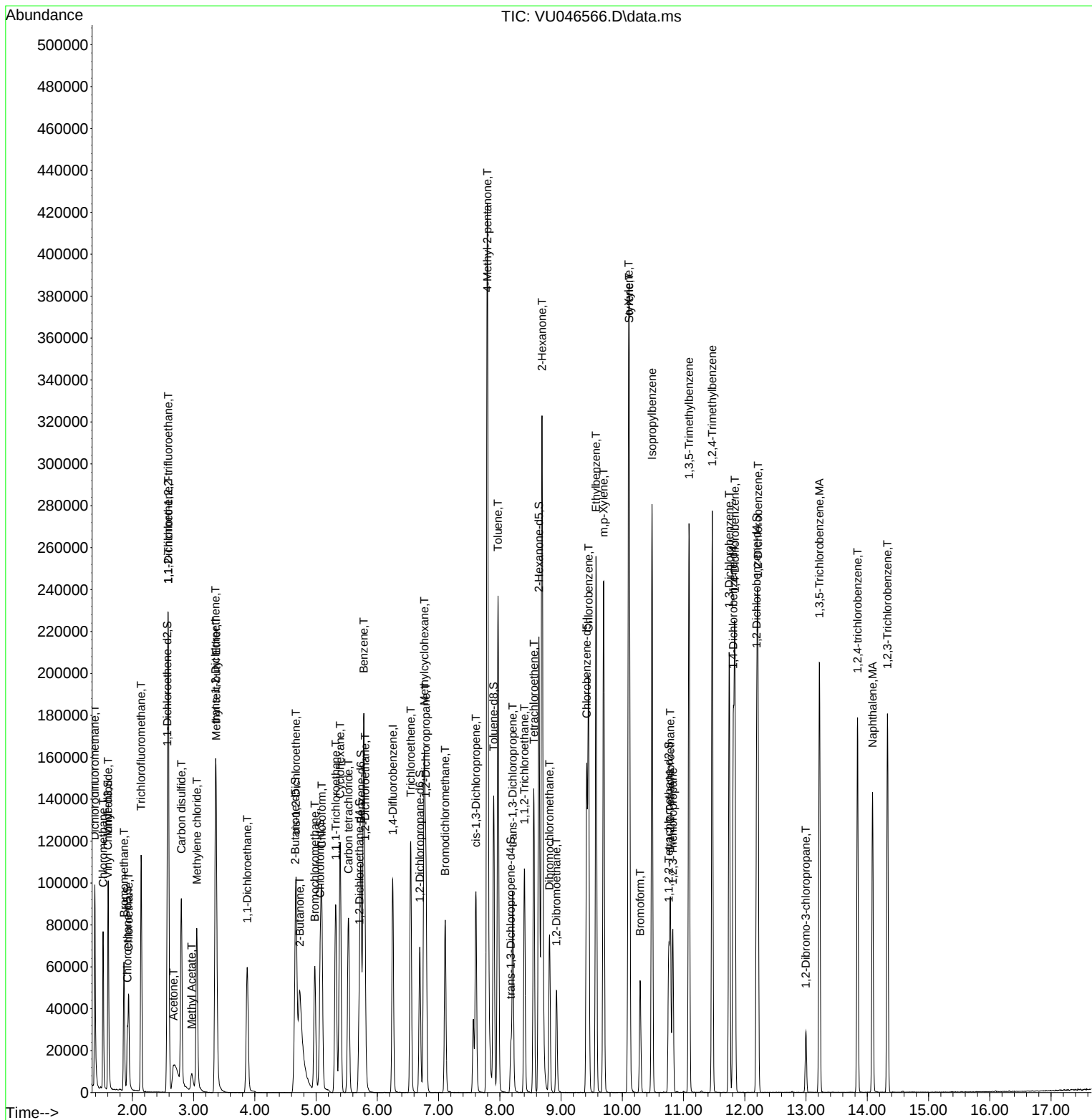
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 ClientSampleId :

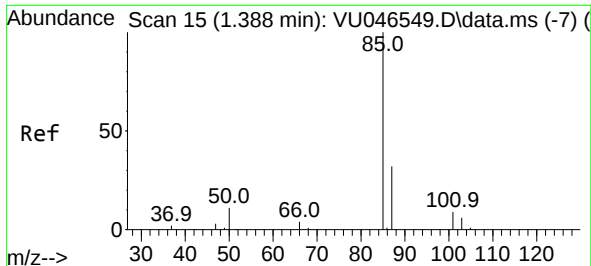
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	53040	4.743	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	67147	4.916	ug/L	98
30) Cyclohexane	5.395	56	57747	5.111	ug/L	94
31) Carbon tetrachloride	5.530	117	59209	5.166	ug/L	97
33) Benzene	5.777	78	157203	4.790	ug/L	100
34) Trichloroethene	6.546	95	41620	4.810	ug/L	98
35) Methylcyclohexane	6.767	83	62315	5.108	ug/L	96
37) 1,2-Dichloropropane	6.793	63	41489	4.956	ug/L	100
38) Bromodichloromethane	7.108	83	55109	4.756	ug/L #	98
39) cis-1,3-Dichloropropene	7.610	75	58351	4.604	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	292024	46.468	ug/L	96
42) Toluene	7.970	91	170551	5.063	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	54365	4.629	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	33720	4.670	ug/L	96
47) Tetrachloroethene	8.555	164	32182	5.257	ug/L	92
48) 2-Hexanone	8.690	43	217678	46.381	ug/L	97
49) Dibromochloromethane	8.812	129	40100	4.815	ug/L	96
50) 1,2-Dibromoethane	8.925	107	32932	4.725	ug/L #	97
51) Chlorobenzene	9.449	112	104586	4.857	ug/L	99
52) Ethylbenzene	9.571	91	179519	5.148	ug/L	99
53) m,p-Xylene	9.697	106	70722	5.294	ug/L	98
54) o-Xylene	10.102	106	67924	5.292	ug/L	96
55) Styrene	10.115	104	117683	5.286	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	42582	4.513	ug/L	97
59) Bromoform	10.291	173	23552	4.688	ug/L	99
60) Isopropylbenzene	10.484	105	180169	5.373	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	33100	4.584	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	147783	5.299	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	152116	5.416	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	84380	5.177	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	84227	5.047	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	80919	4.949	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	7799	4.666	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	62994	5.106	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	53571	5.127	ug/L	99
71) Naphthalene	14.086	128	113854	4.906	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	53599	5.181	ug/L	99

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

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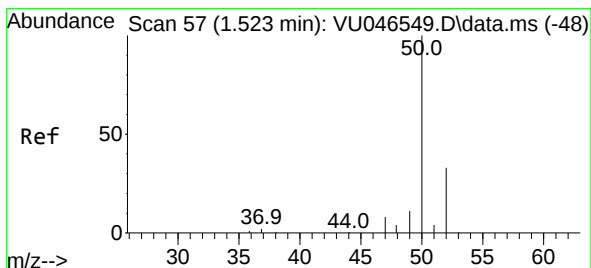
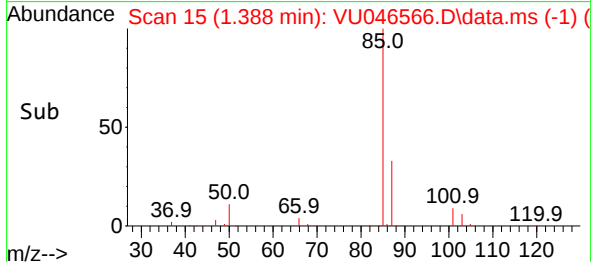
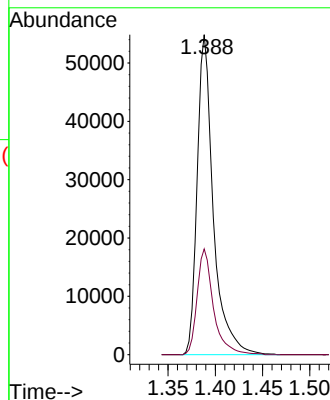
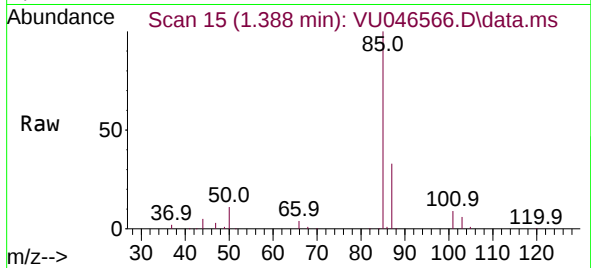




#2
Dichlorodifluoromethane
Concen: 5.066 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

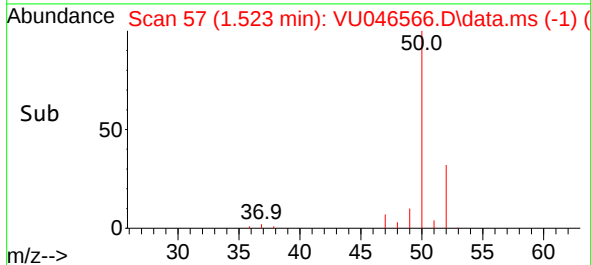
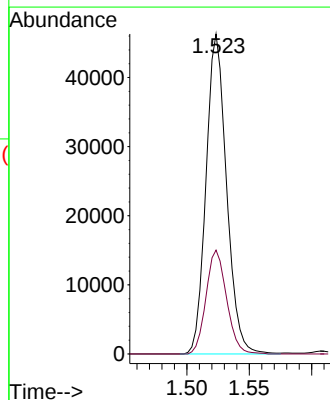
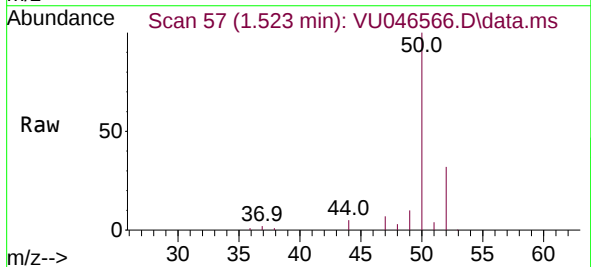
Instrument :
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ClientSampleId :

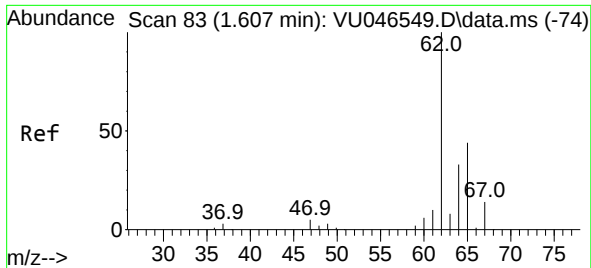
Tgt Ion: 85 Resp: 65022
Ion Ratio Lower Upper
85 100
87 33.5 25.8 38.6



#3
Chloromethane
Concen: 4.794 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

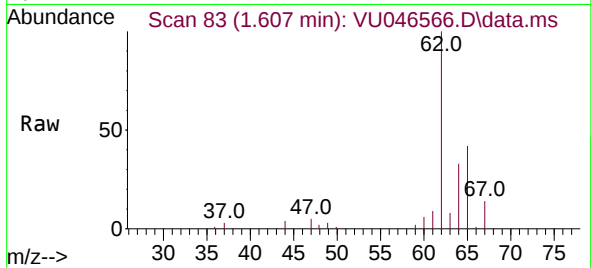
Tgt Ion: 50 Resp: 52986
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.8



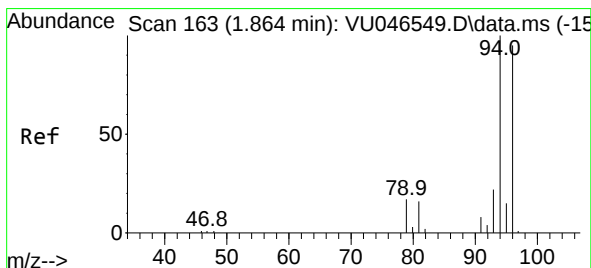
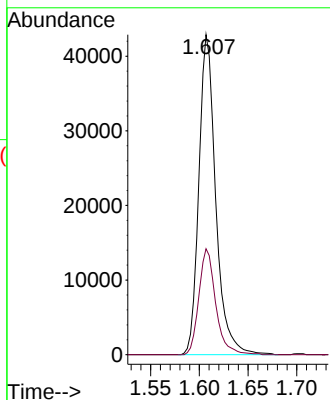
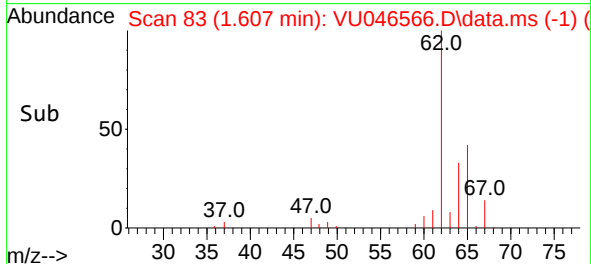


#5
 Vinyl chloride
 Concen: 4.741 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046566.D
 Acq: 22 Dec 2021 21:13

Instrument :
 MSVOA_U
 ClientSampleId :

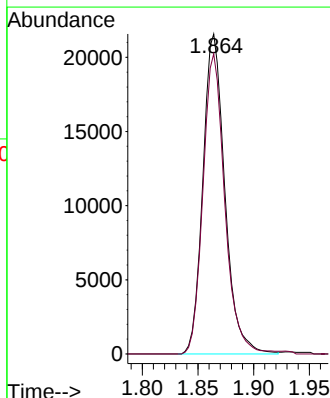
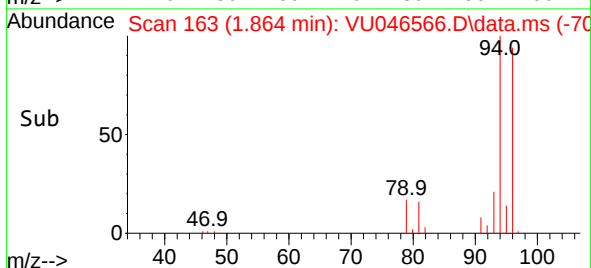
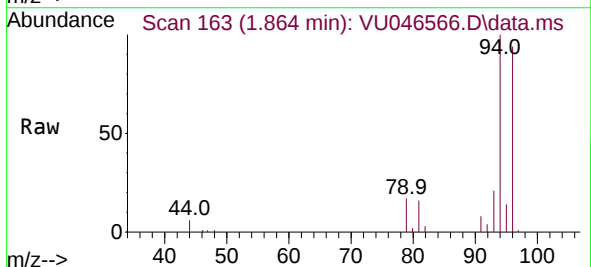


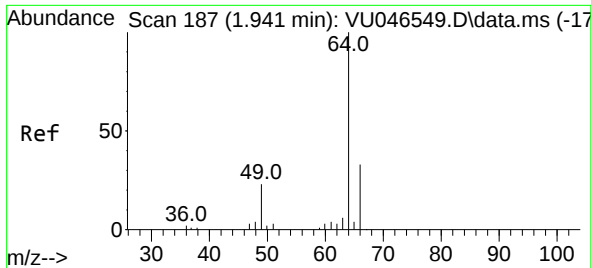
Tgt Ion: 62 Resp: 51594
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 4.518 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046566.D
 Acq: 22 Dec 2021 21:13

Tgt Ion: 94 Resp: 29590
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.5 121.6

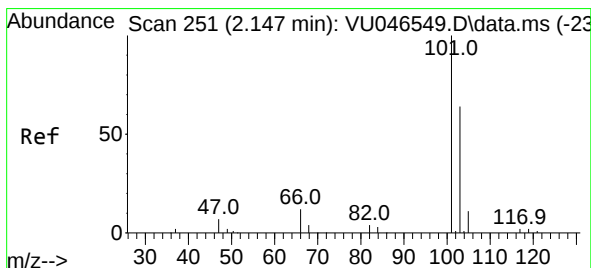
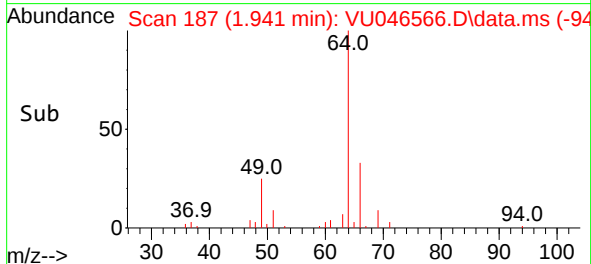
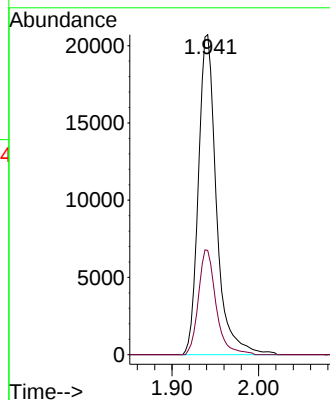
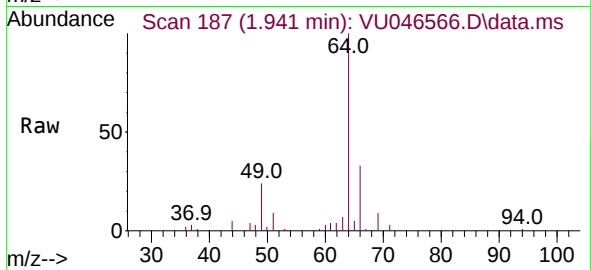




#8
Chloroethane
Concen: 4.700 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

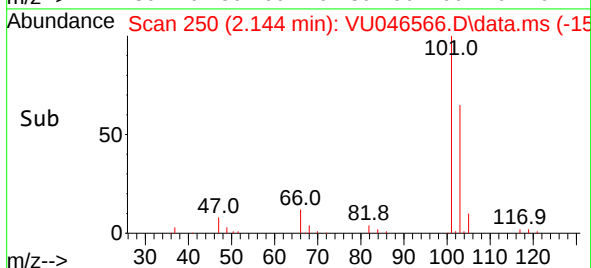
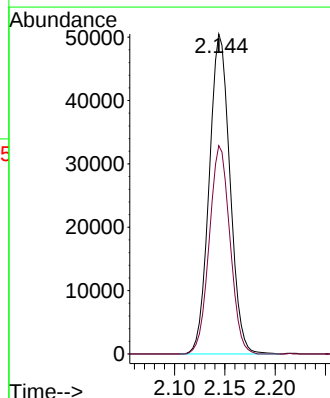
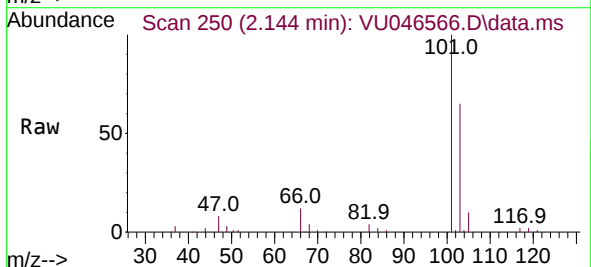
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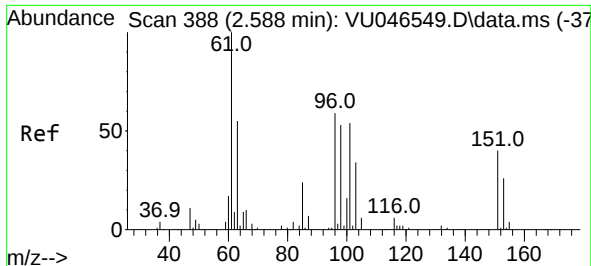
Tgt Ion: 64 Resp: 30024
Ion Ratio Lower Upper
64 100
66 32.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.090 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

Tgt Ion: 101 Resp: 72446
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.077 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

ClientSampleId :

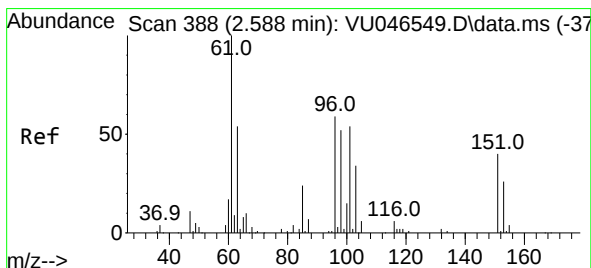
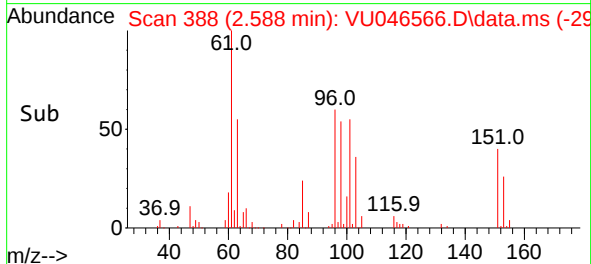
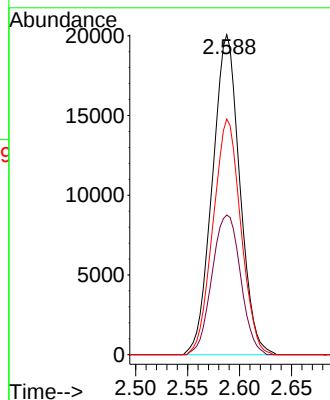
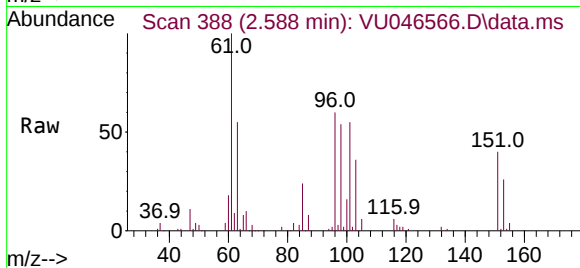
Tgt Ion:101 Resp: 36789

Ion Ratio Lower Upper

101 100

85 45.6 34.6 51.8

151 74.7 56.1 84.1



#12

1,1-Dichloroethene

Concen: 5.036 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

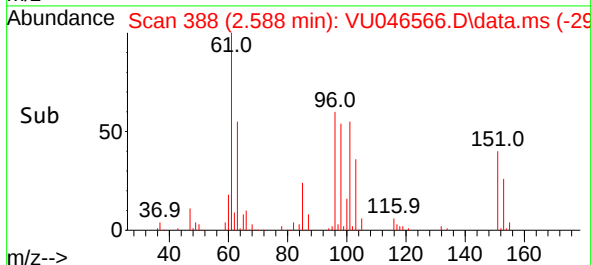
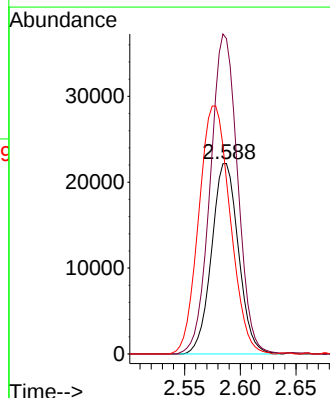
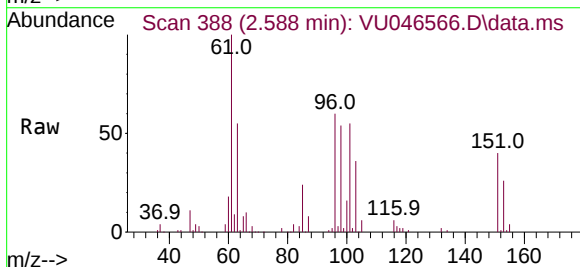
Tgt Ion: 96 Resp: 37155

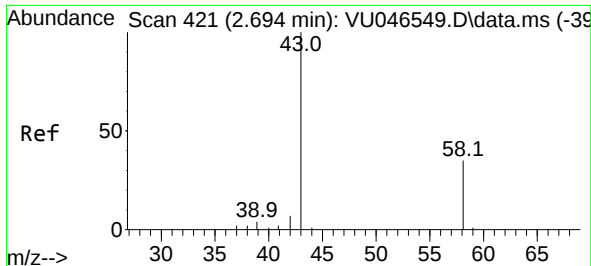
Ion Ratio Lower Upper

96 100

61 165.6 124.7 231.5

63 91.3 105.2 195.4#





#13

Acetone

Concen: 7.873 ug/L

RT: 2.671 min Scan# 41

Delta R.T. -0.023 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

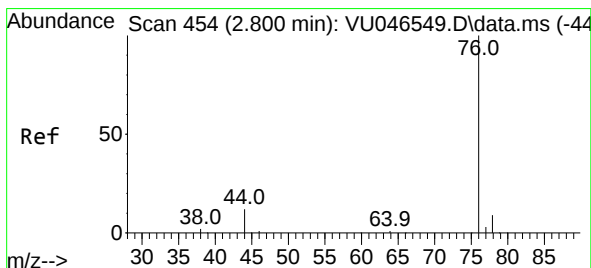
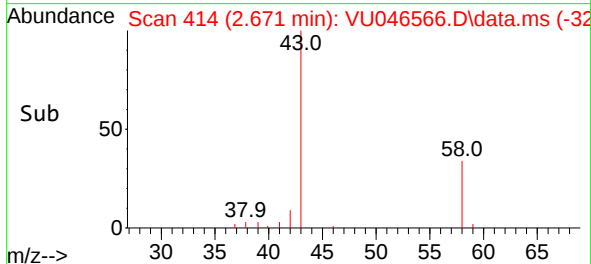
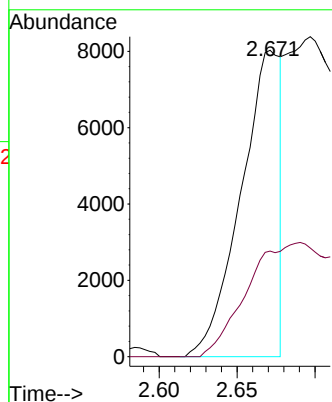
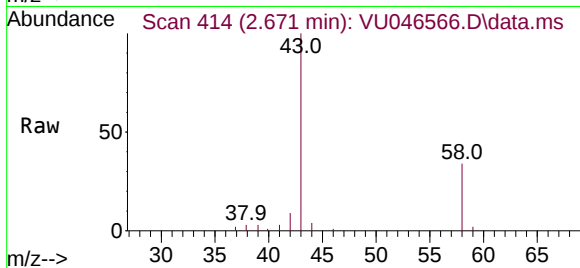
ClientSampleId :

Tgt Ion: 43 Resp: 14144

Ion Ratio Lower Upper

43 100

58 113.2 0.0 71.6#



#14

Carbon disulfide

Concen: 4.854 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046566.D

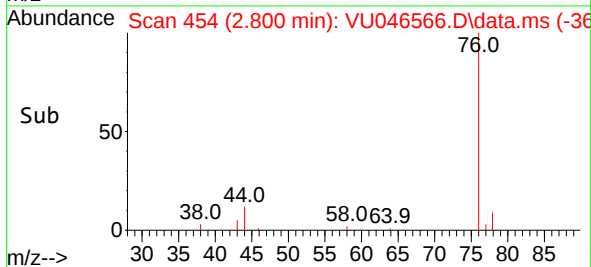
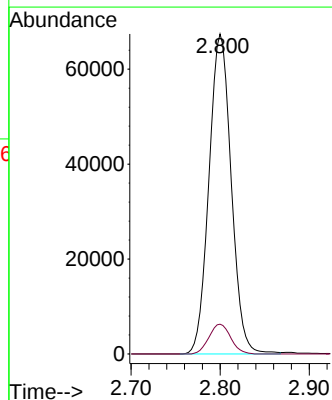
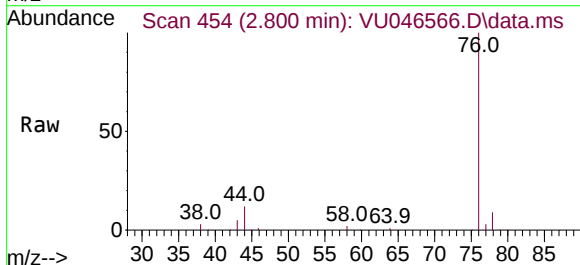
Acq: 22 Dec 2021 21:13

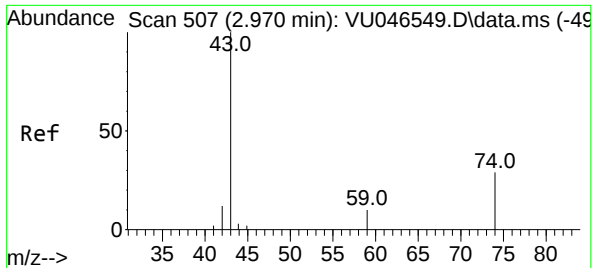
Tgt Ion: 76 Resp: 116980

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

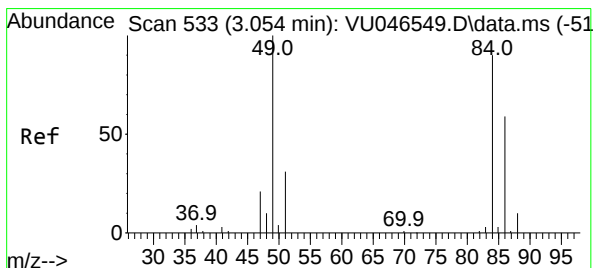
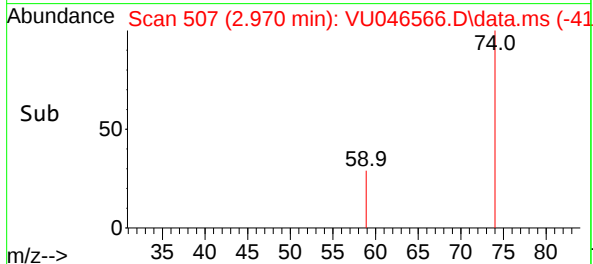
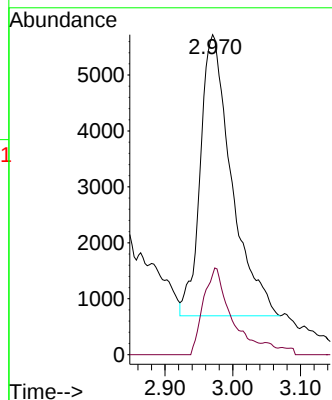
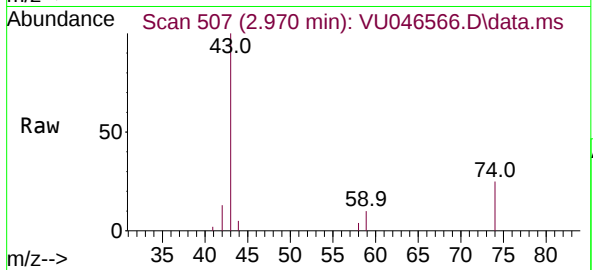




#15
Methyl Acetate
Concen: 4.435 ug/L
RT: 2.970 min Scan# 507
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

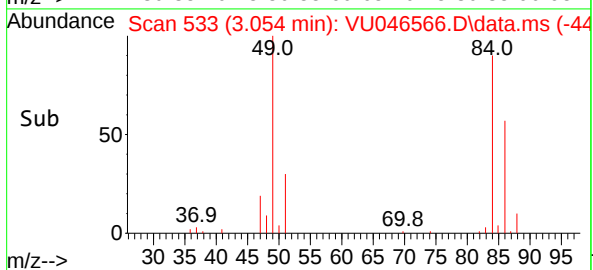
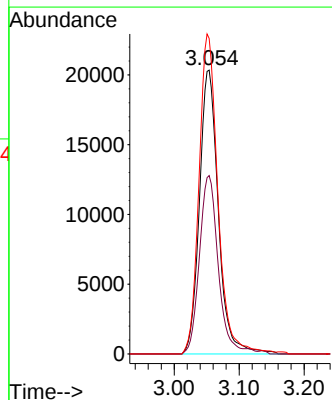
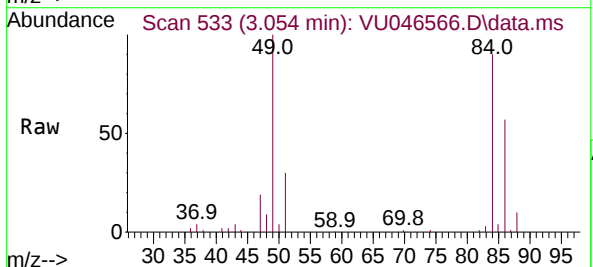
Instrument :
MSVOA_U
ClientSampleId :

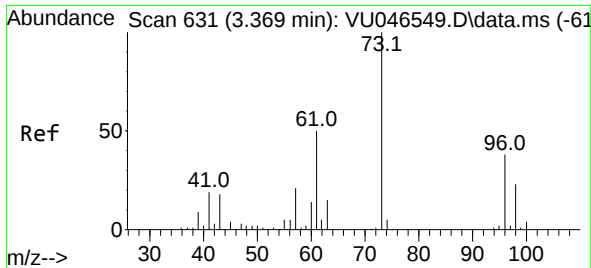
Tgt Ion: 43 Resp: 16094
Ion Ratio Lower Upper
43 100
74 27.1 19.1 28.7



#16
Methylene chloride
Concen: 4.602 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

Tgt Ion: 84 Resp: 41315
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.0
49 111.2 84.5 156.9

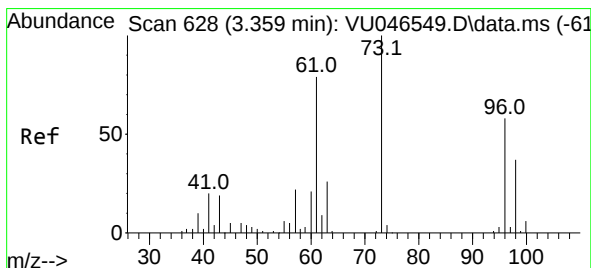
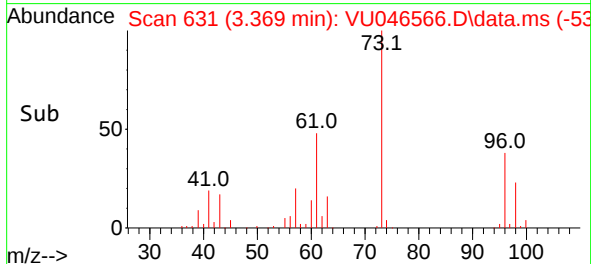
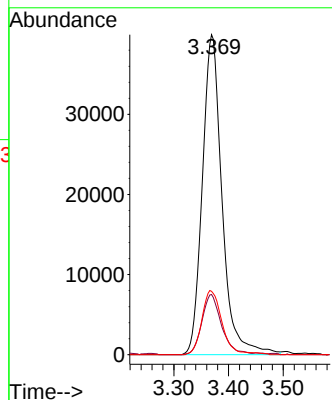
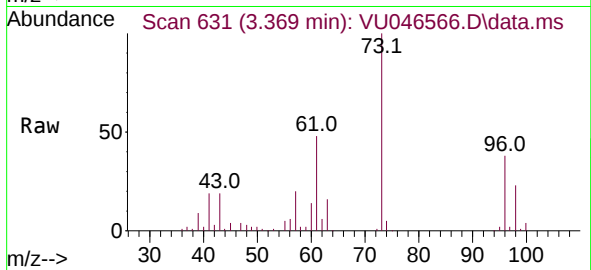




#17
Methyl tert-butyl Ether
Concen: 4.645 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

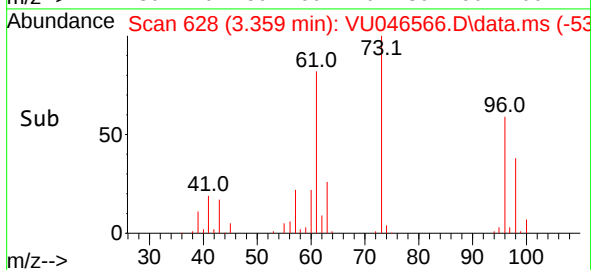
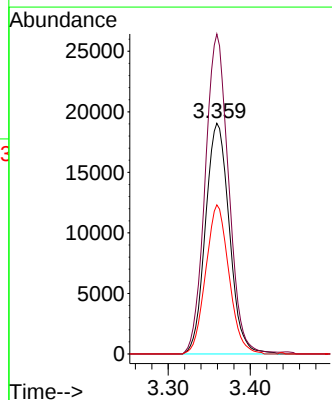
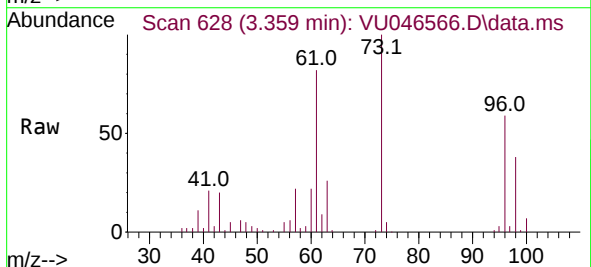
Instrument :
MSVOA_U
ClientSampleId :

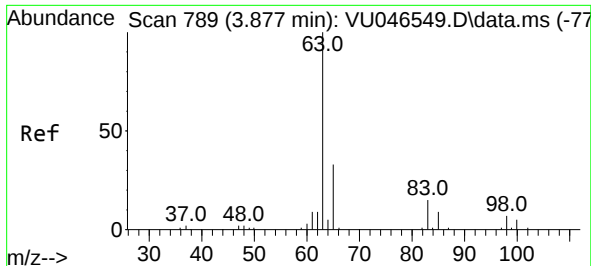
Tgt Ion: 73 Resp: 99973
Ion Ratio Lower Upper
73 100
43 18.8 14.8 22.2
57 20.5 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.899 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

Tgt Ion: 96 Resp: 38558
Ion Ratio Lower Upper
96 100
61 138.7 100.8 187.2
98 64.6 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.824 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046566.D

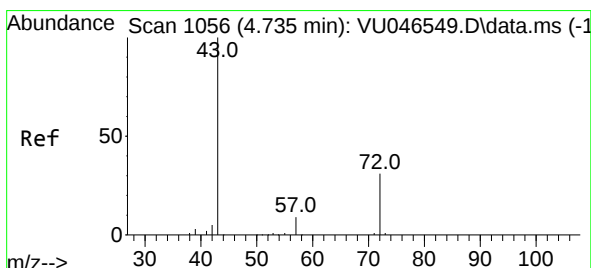
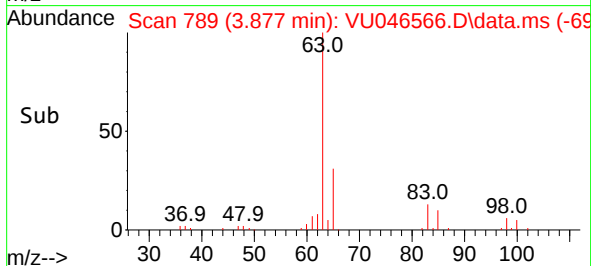
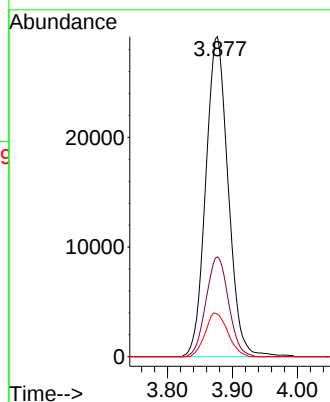
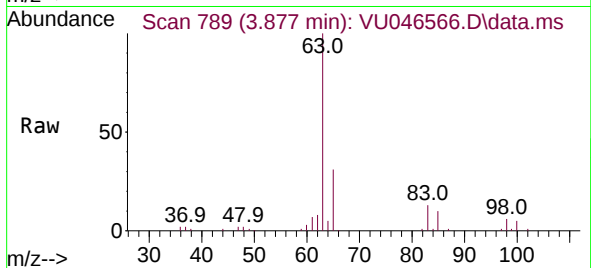
Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	69946
Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.3	41.5
83	13.3	9.6	17.8



#21

2-Butanone

Concen: 45.584 ug/L

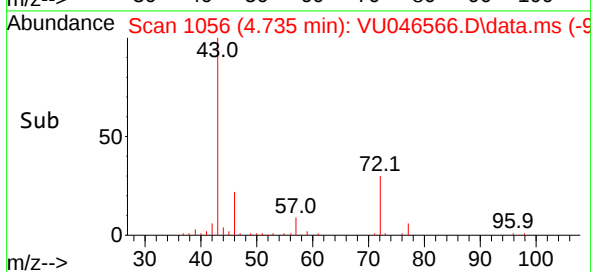
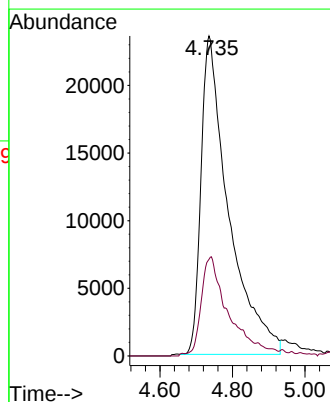
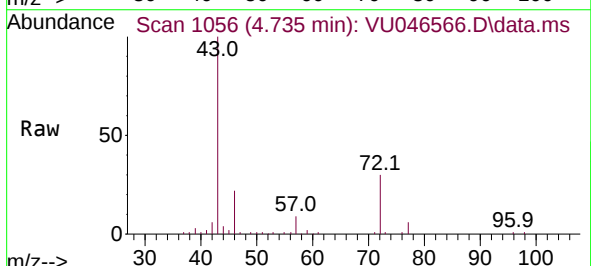
RT: 4.735 min Scan# 1056

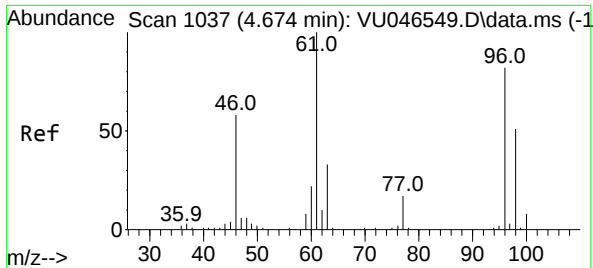
Delta R.T. -0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Tgt Ion:	43	Resp:	124253
Ion	Ratio	Lower	Upper
43	100		
72	27.3	14.1	42.3





#22

cis-1,2-Dichloroethene

Concen: 4.827 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

ClientSampleId :

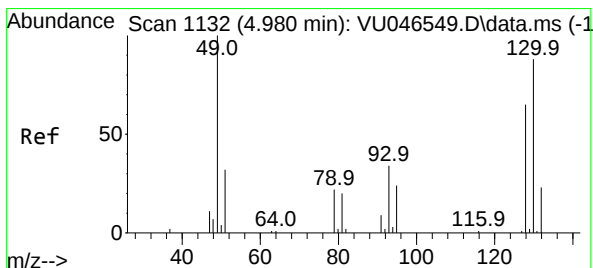
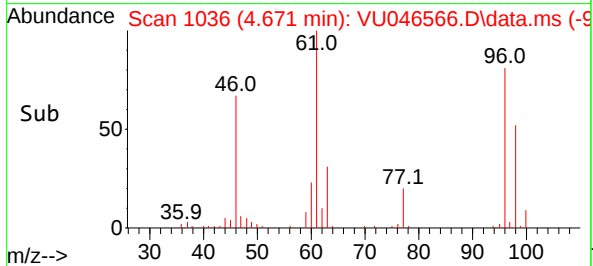
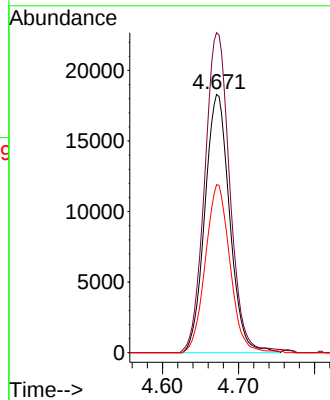
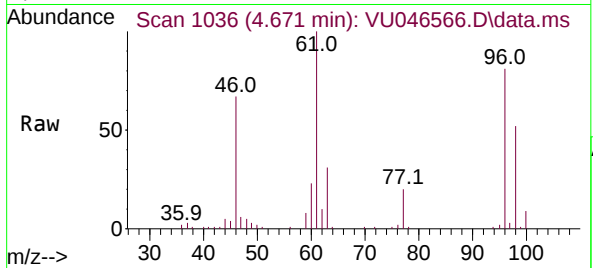
Tgt Ion: 96 Resp: 41527

Ion Ratio Lower Upper

96 100

61 123.9 88.5 164.3

98 65.0 44.4 82.5



#23

Bromochloromethane

Concen: 4.785 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Tgt Ion:128 Resp: 20490

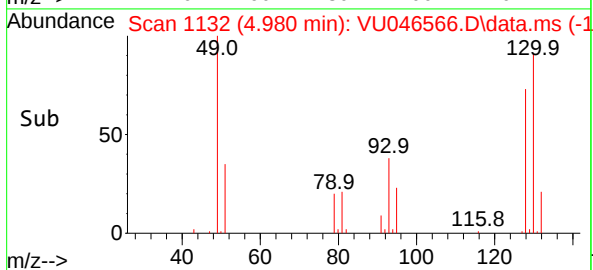
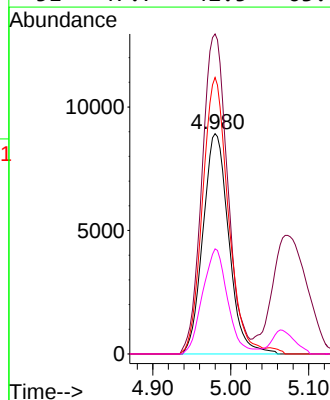
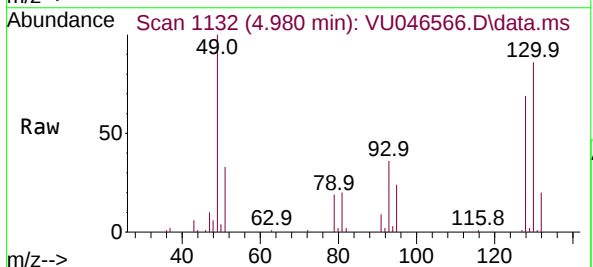
Ion Ratio Lower Upper

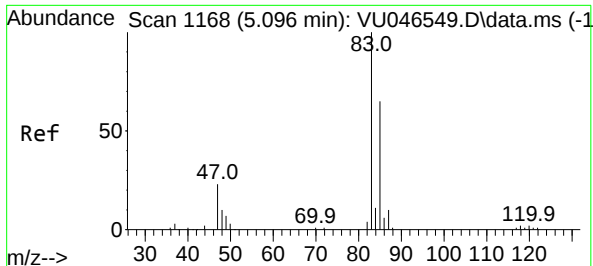
128 100

49 145.2 117.0 217.2

130 125.4 88.2 163.8

51 47.7 42.5 63.7





#25

Chloroform

Concen: 4.716 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

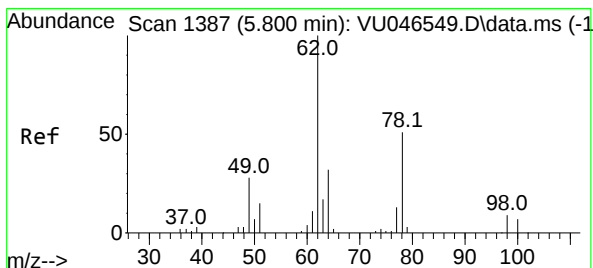
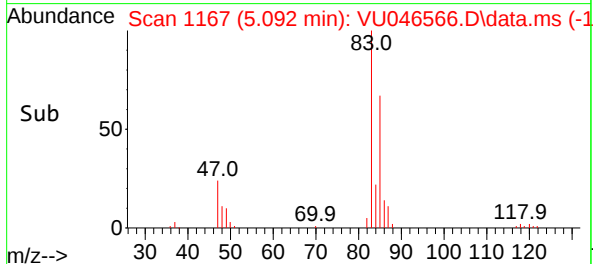
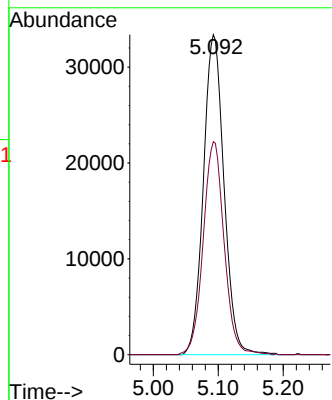
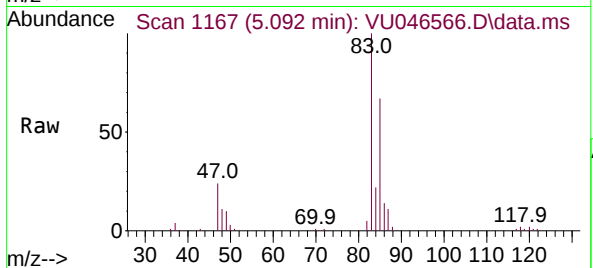
ClientSampleId :

Tgt Ion: 83 Resp: 73872

Ion Ratio Lower Upper

83 100

85 66.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.743 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046566.D

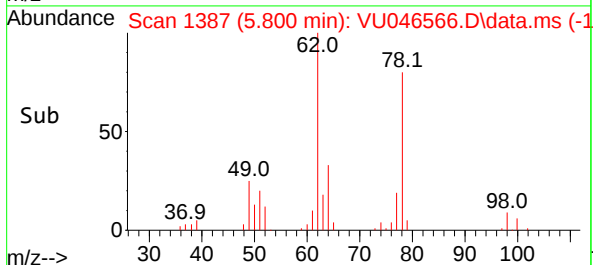
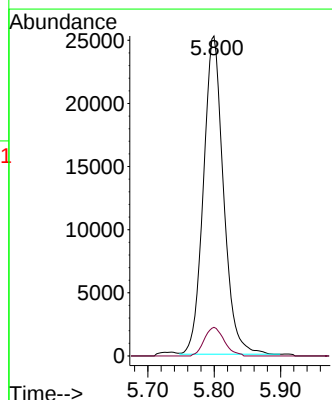
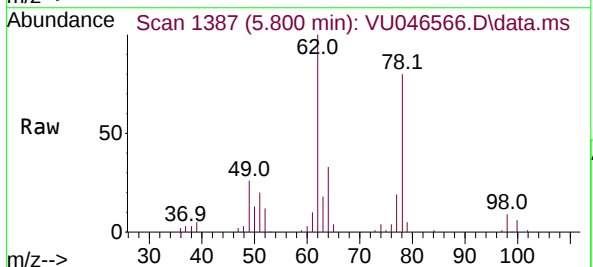
Acq: 22 Dec 2021 21:13

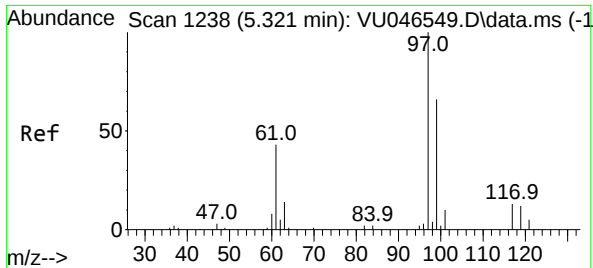
Tgt Ion: 62 Resp: 53040

Ion Ratio Lower Upper

62 100

98 9.0 7.8 11.8

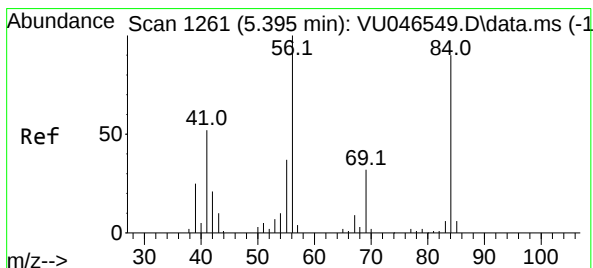
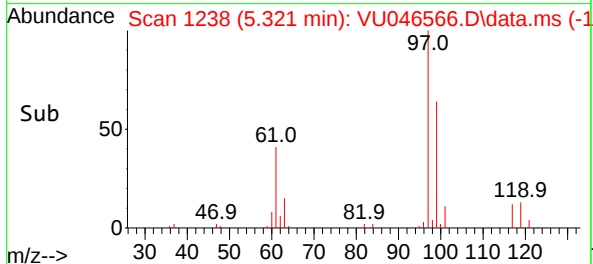
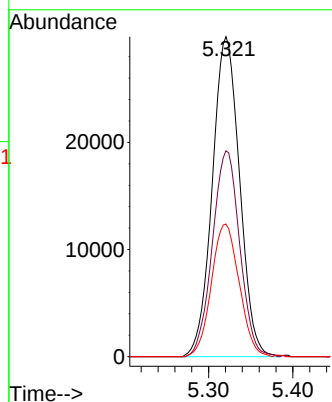
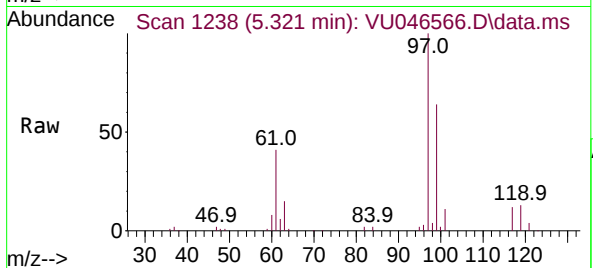




#29
1,1,1-Trichloroethane
Concen: 4.916 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

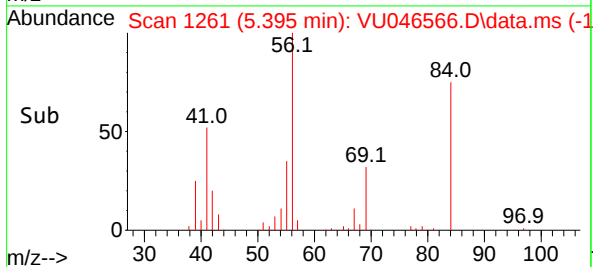
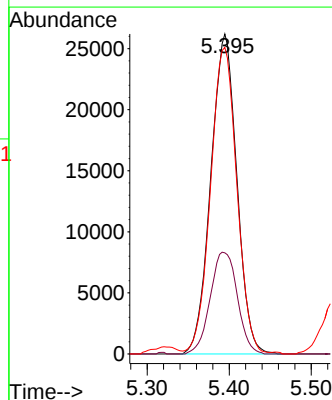
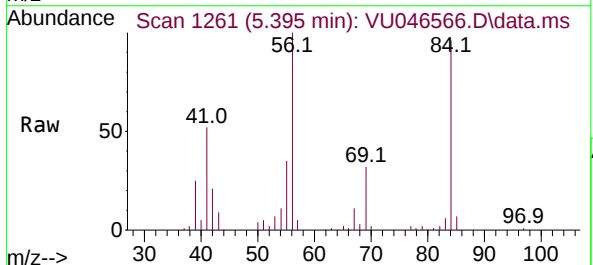
Instrument :
MSVOA_U
ClientSampleId :

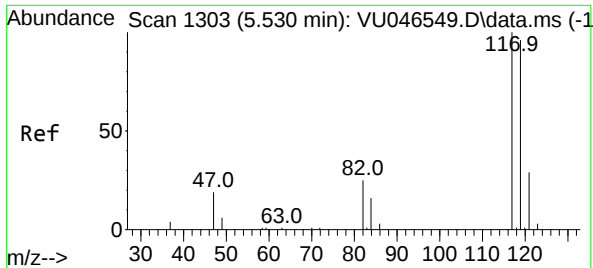
Tgt Ion: 97	Resp: 67147
Ion Ratio	Lower Upper
97 100	
99 64.5	51.3 76.9
61 42.2	36.1 54.1



#30
Cyclohexane
Concen: 5.111 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

Tgt Ion: 56	Resp: 57747
Ion Ratio	Lower Upper
56 100	
69 33.2	24.7 37.1
84 96.3	71.8 107.6

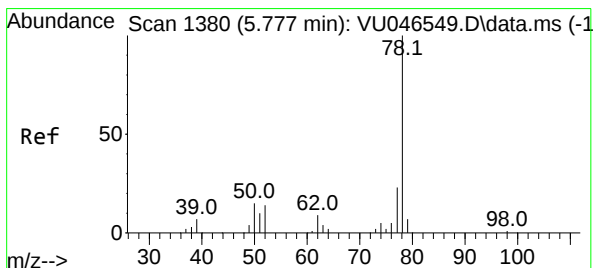
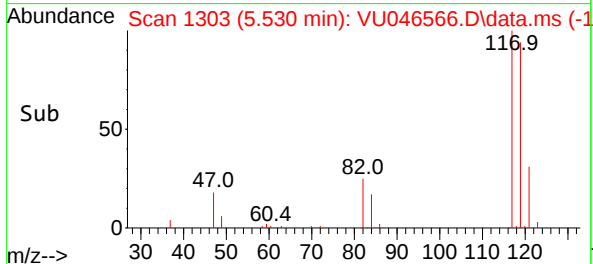
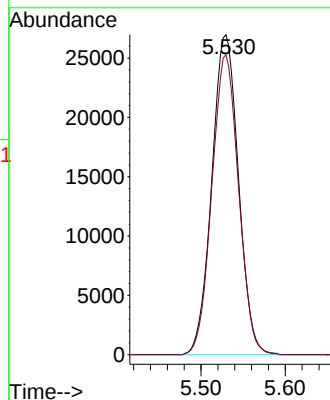
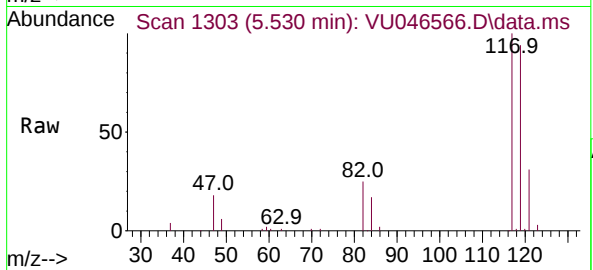




#31
Carbon tetrachloride
Concen: 5.166 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

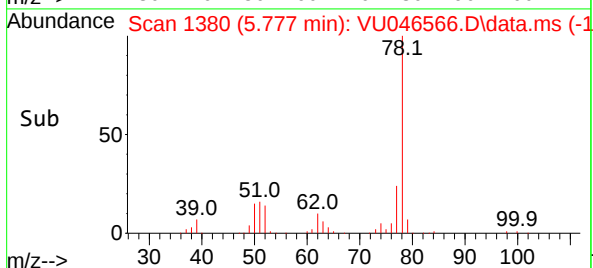
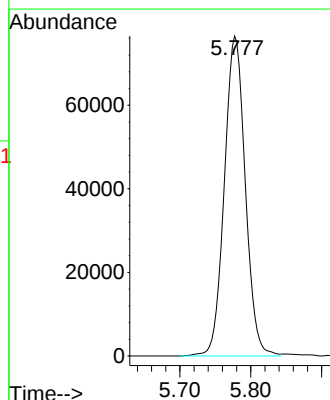
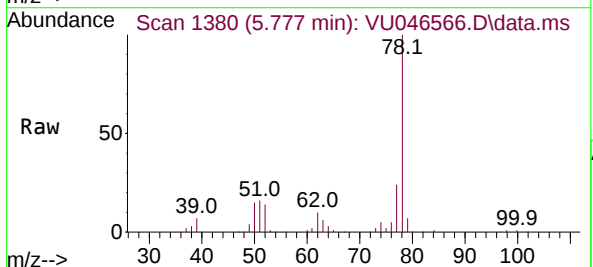
Instrument :
MSVOA_U
ClientSampleId :

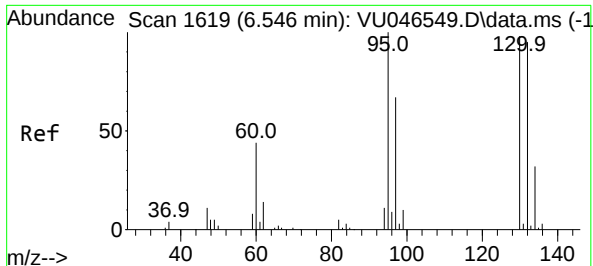
Tgt Ion:117 Resp: 59209
Ion Ratio Lower Upper
117 100
119 93.9 77.5 116.3



#33
Benzene
Concen: 4.790 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

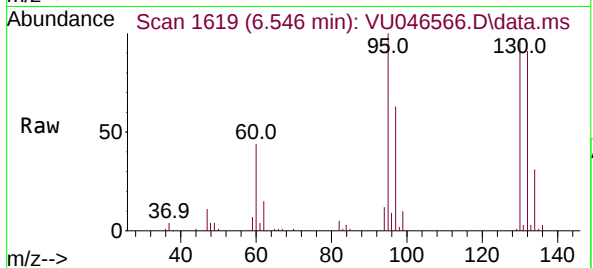
Tgt Ion: 78 Resp: 157203



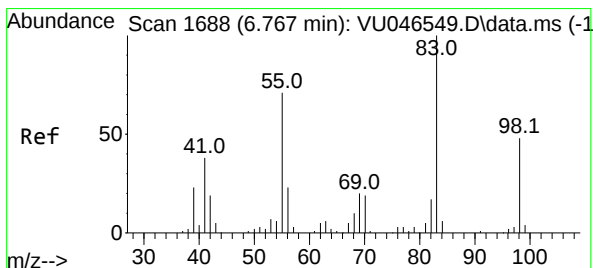
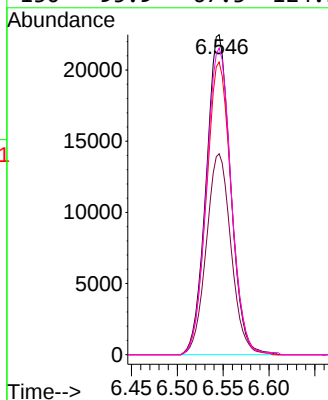
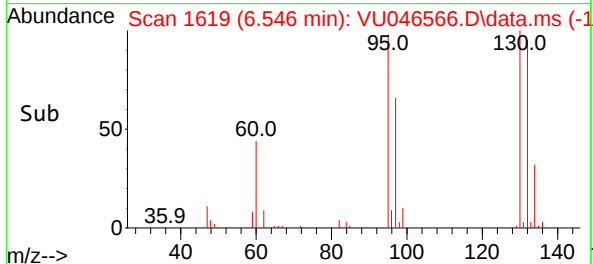


#34
Trichloroethene
Concen: 4.810 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

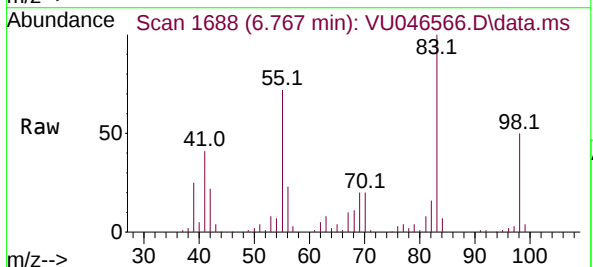
Instrument :
MSVOA_U
ClientSampleId :



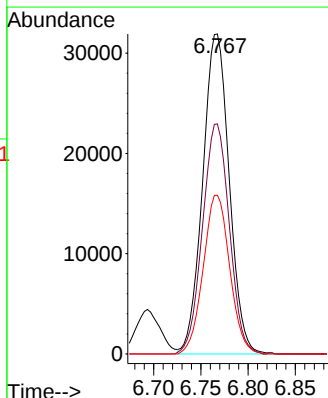
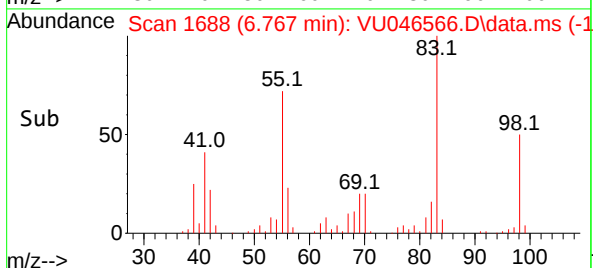
Tgt Ion: 95 Resp: 41620
Ion Ratio Lower Upper
95 100
97 62.8 46.5 86.5
132 91.4 65.1 120.9
130 95.9 67.3 124.9

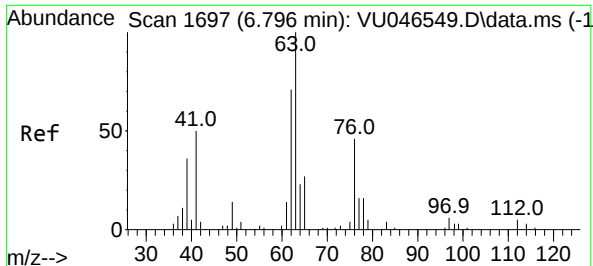


#35
Methylcyclohexane
Concen: 5.108 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13



Tgt Ion: 83 Resp: 62315
Ion Ratio Lower Upper
83 100
55 72.6 61.9 92.9
98 49.5 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.956 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

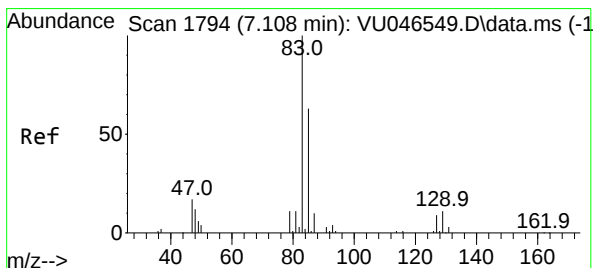
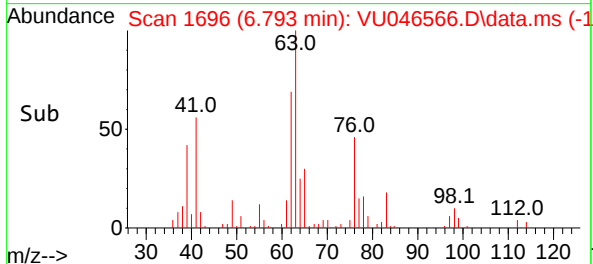
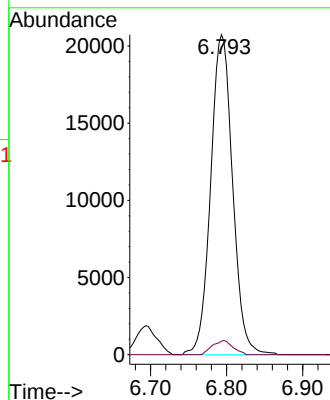
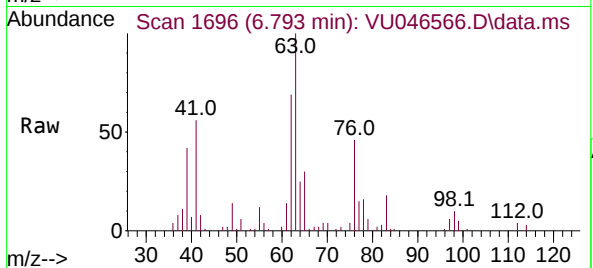
ClientSampleId :

Tgt Ion: 63 Resp: 41489

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 4.756 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

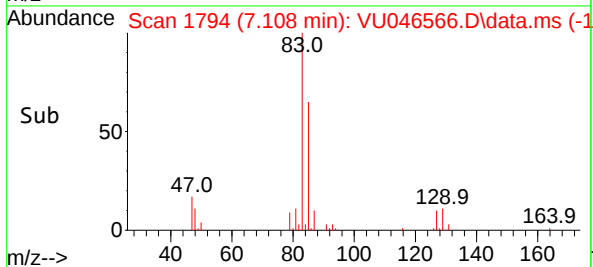
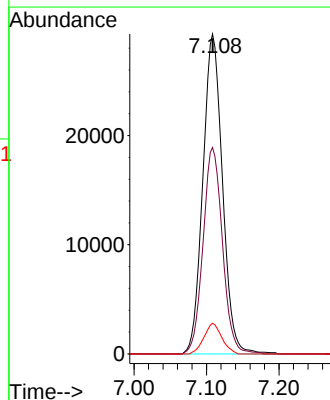
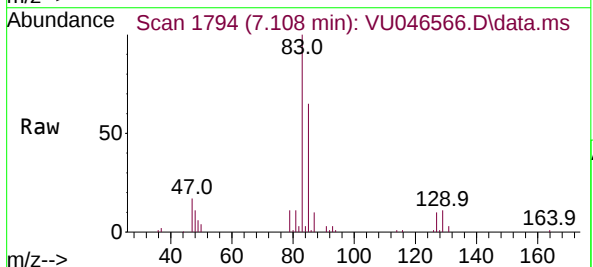
Tgt Ion: 83 Resp: 55109

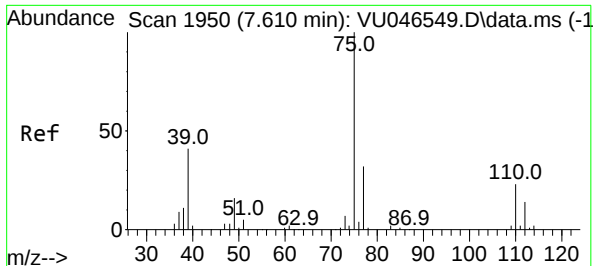
Ion Ratio Lower Upper

83 100

85 64.5 44.0 81.8

127 9.6 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 4.604 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

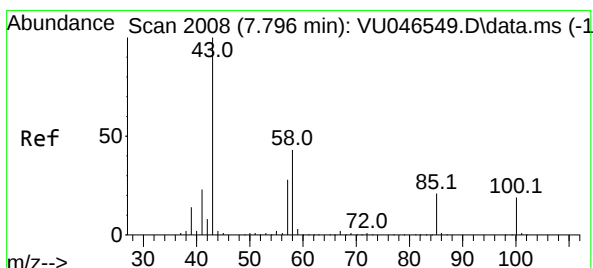
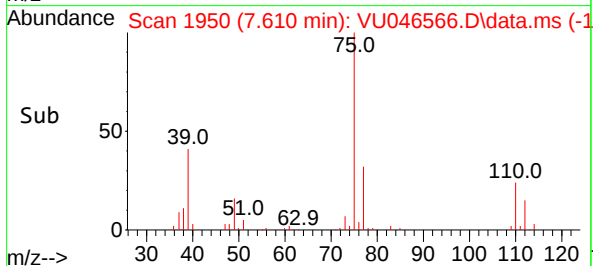
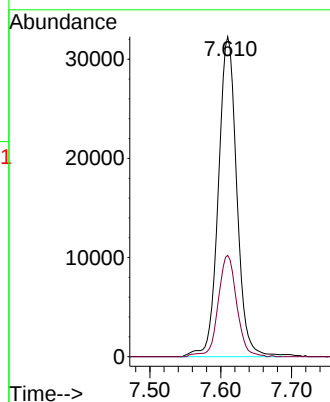
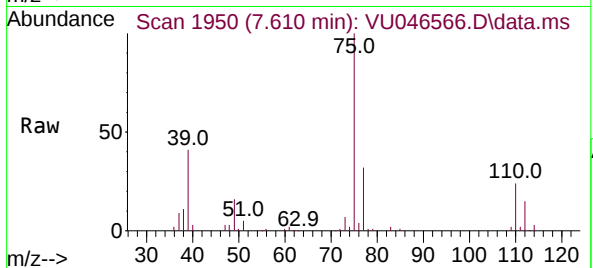
ClientSampleId :

Tgt Ion: 75 Resp: 58351

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 46.468 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

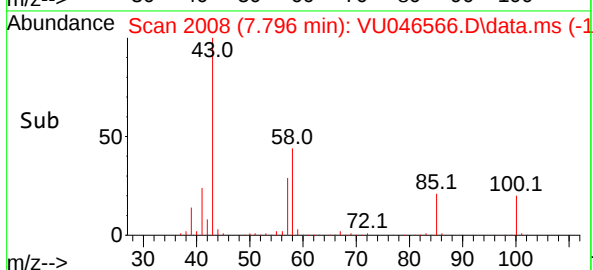
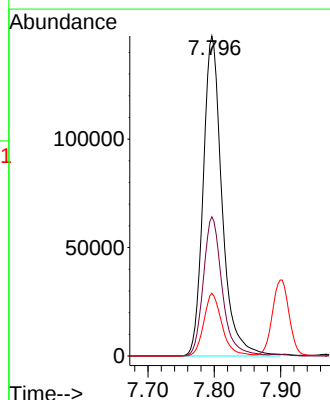
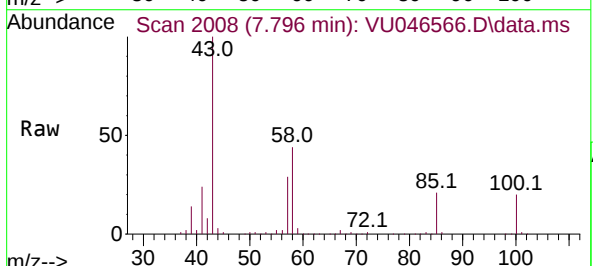
Tgt Ion: 43 Resp: 292024

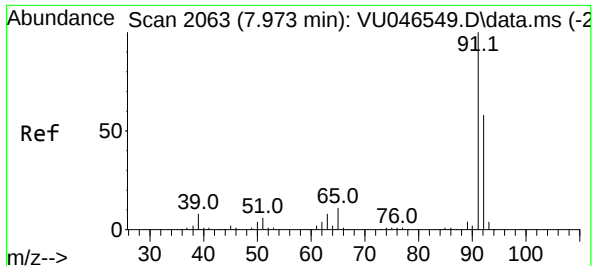
Ion Ratio Lower Upper

43 100

58 43.6 33.1 49.7

100 18.9 13.2 19.8





#42

Toluene

Concen: 5.063 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

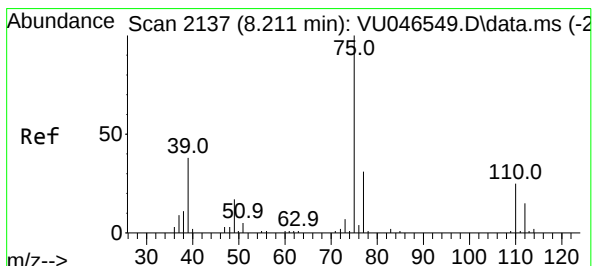
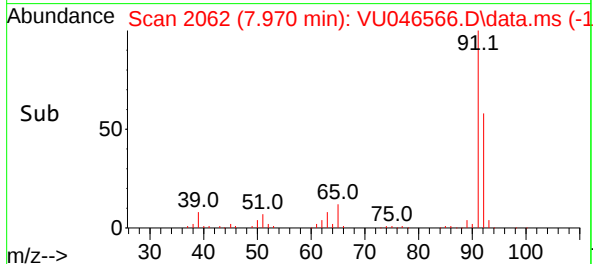
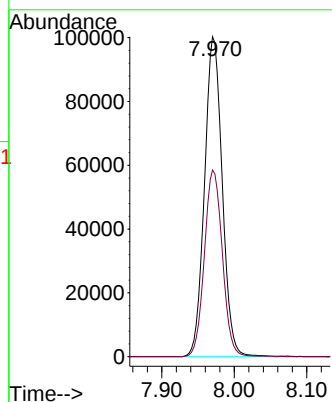
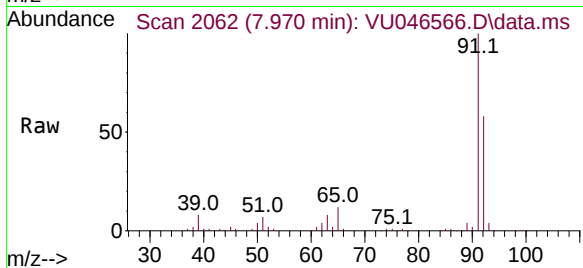
ClientSampleId :

Tgt Ion: 91 Resp: 170551

Ion Ratio Lower Upper

91 100

92 58.4 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.629 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU046566.D

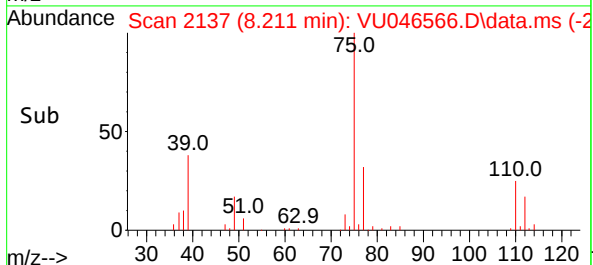
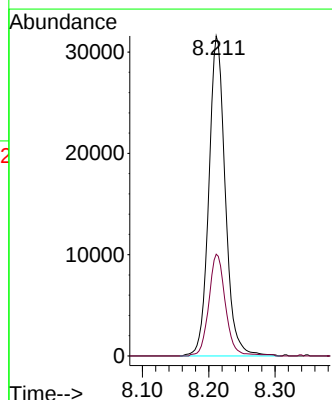
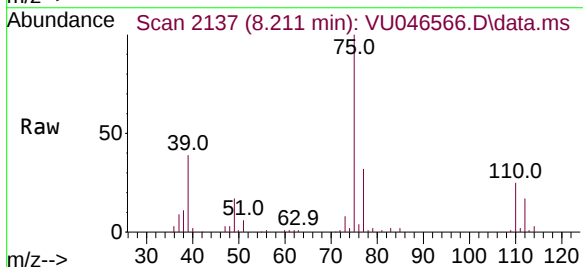
Acq: 22 Dec 2021 21:13

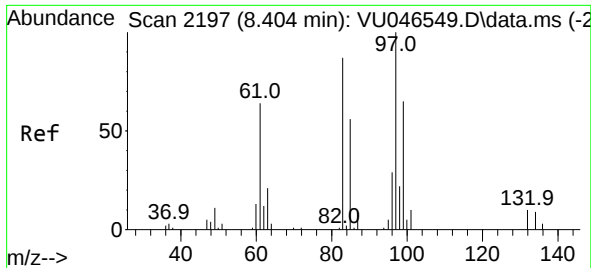
Tgt Ion: 75 Resp: 54365

Ion Ratio Lower Upper

75 100

77 31.8 22.7 42.3



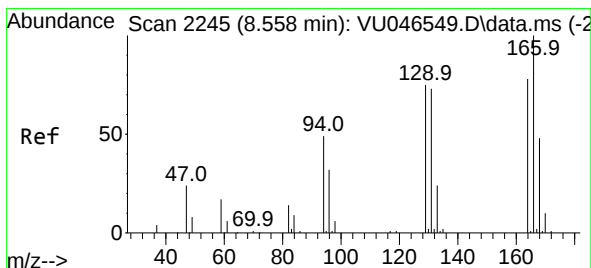
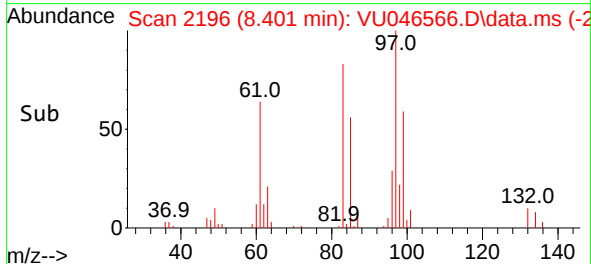
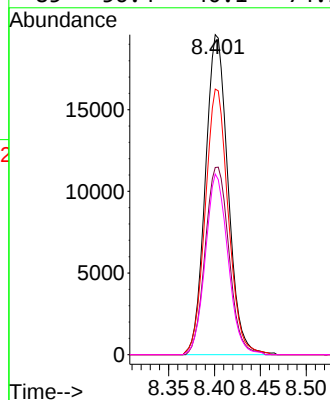
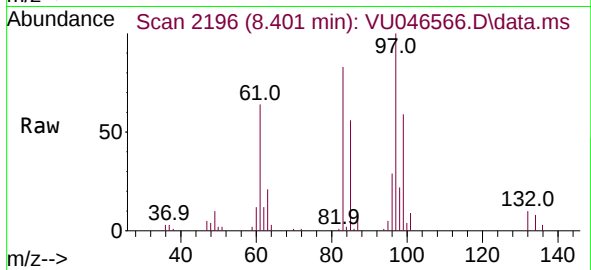


#45
1,1,2-Trichloroethane
Concen: 4.670 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 33720

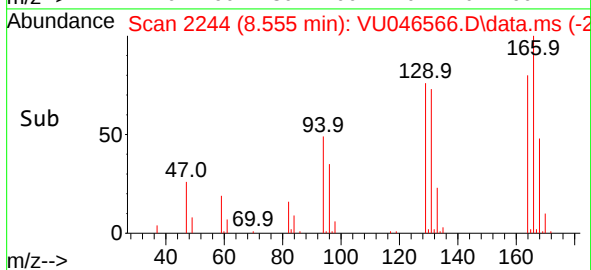
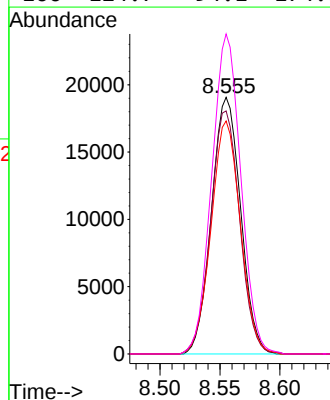
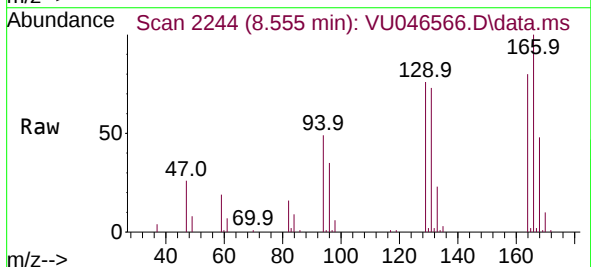
Ion	Ratio	Lower	Upper
97	100		
99	58.5	42.3	78.5
83	83.0	62.0	115.2
85	56.4	40.1	74.5

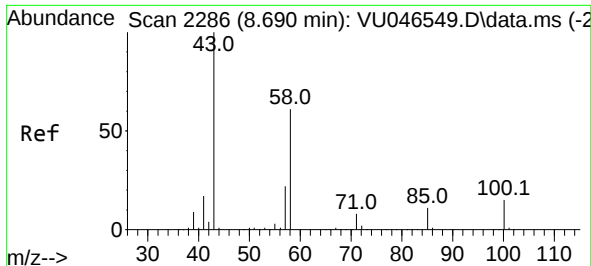


#47
Tetrachloroethene
Concen: 5.257 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

Tgt Ion: 164 Resp: 32182

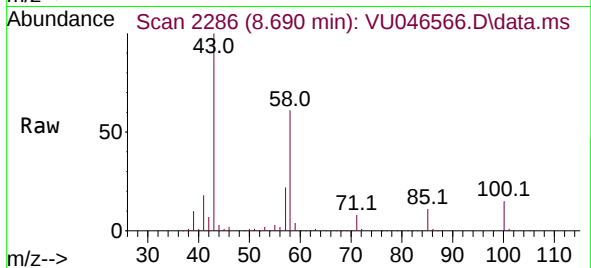
Ion	Ratio	Lower	Upper
164	100		
129	94.7	71.8	133.4
131	90.8	68.5	127.3
166	124.7	94.1	174.8



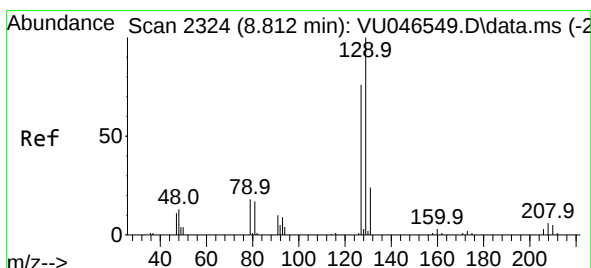
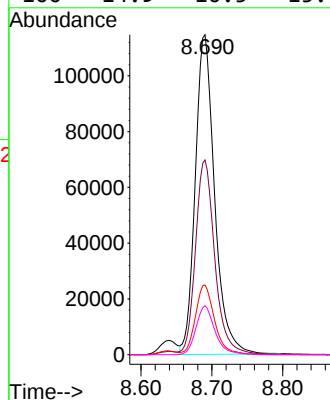
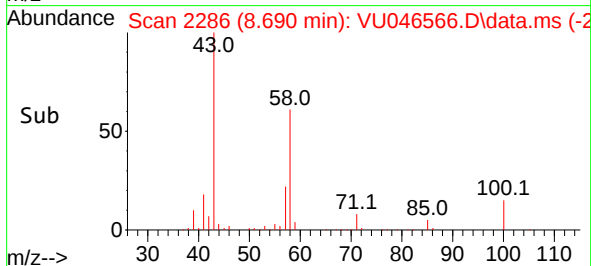


#48
2-Hexanone
Concen: 46.381 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

Instrument :
MSVOA_U
ClientSampleId :

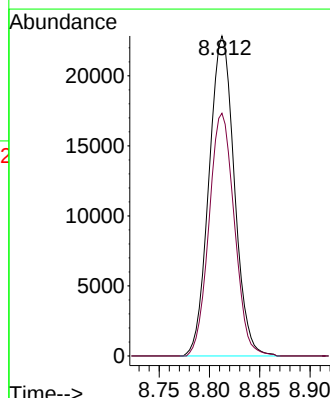
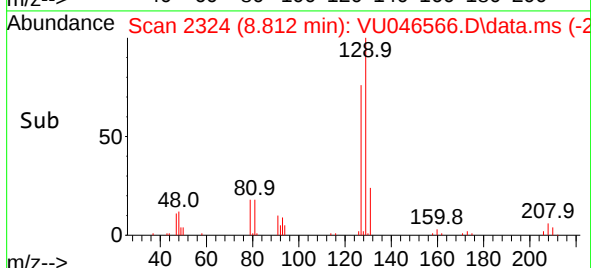
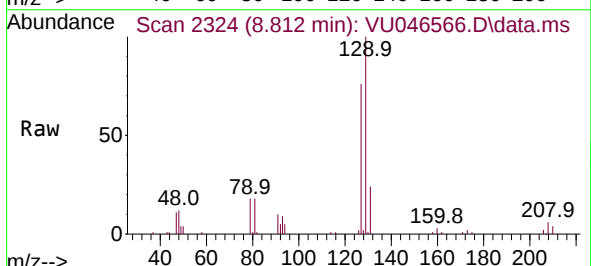


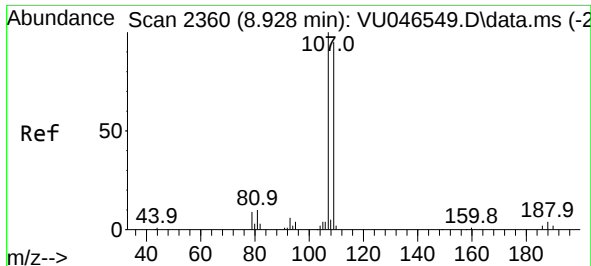
Tgt Ion: 43 Resp: 217678
Ion Ratio Lower Upper
43 100
58 60.5 46.7 70.1
57 21.7 16.3 24.5
100 14.9 10.5 15.7



#49
Dibromochloromethane
Concen: 4.815 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

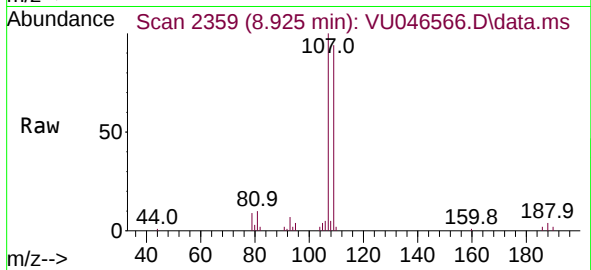
Tgt Ion: 129 Resp: 40100
Ion Ratio Lower Upper
129 100
127 75.9 55.4 102.8



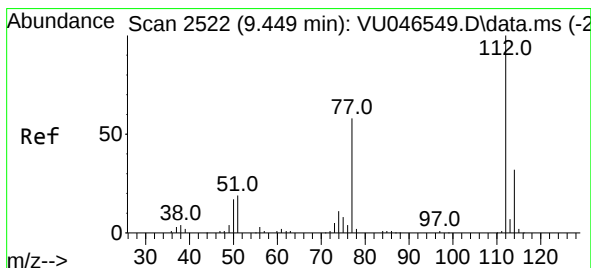
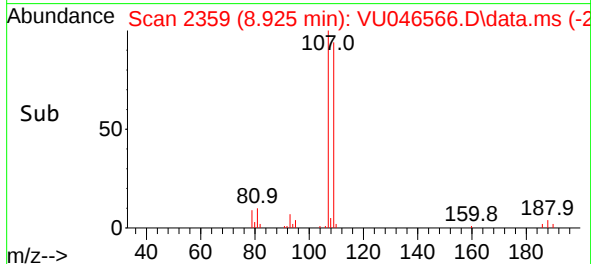
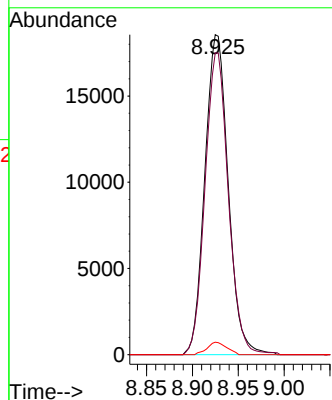


#50
1,2-Dibromoethane
Concen: 4.725 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

Instrument :
MSVOA_U
ClientSampleId :

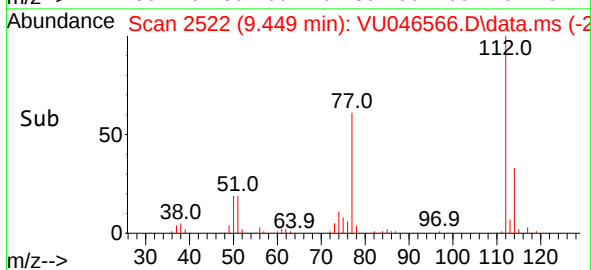
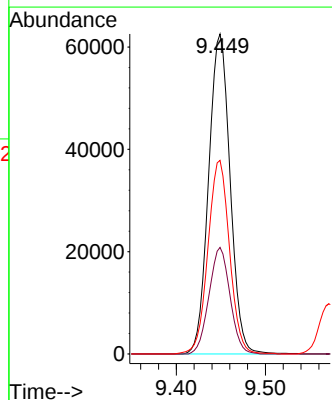
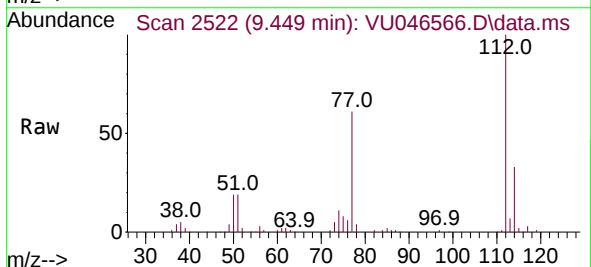


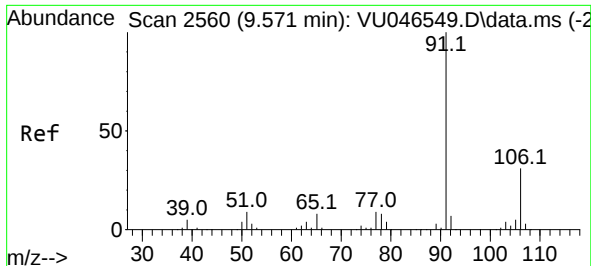
Tgt Ion:107 Resp: 32932
Ion Ratio Lower Upper
107 100
109 94.3 64.0 119.0
188 3.9 2.4 3.6#



#51
Chlorobenzene
Concen: 4.857 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

Tgt Ion:112 Resp: 104586
Ion Ratio Lower Upper
112 100
114 33.3 22.1 41.1
77 60.5 48.3 72.5





#52

Ethylbenzene

Concen: 5.148 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

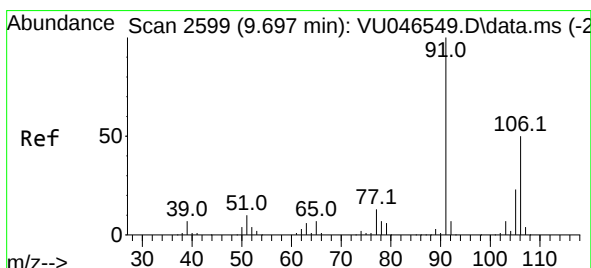
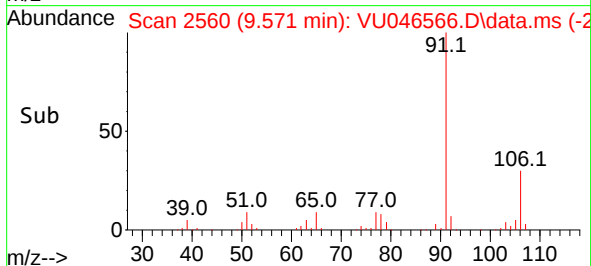
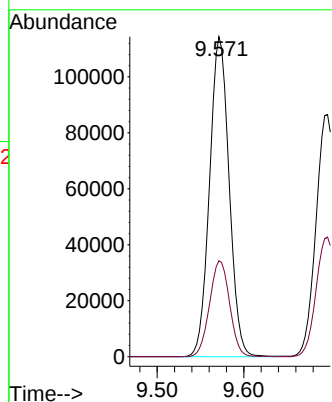
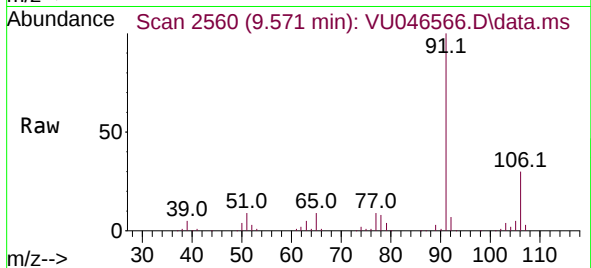
ClientSampleId :

Tgt Ion: 91 Resp: 179519

Ion Ratio Lower Upper

91 100

106 30.0 21.5 39.9



#53

m,p-Xylene

Concen: 5.294 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU046566.D

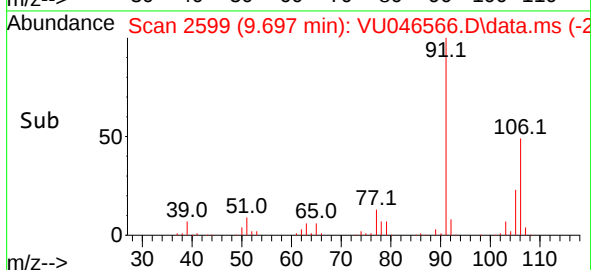
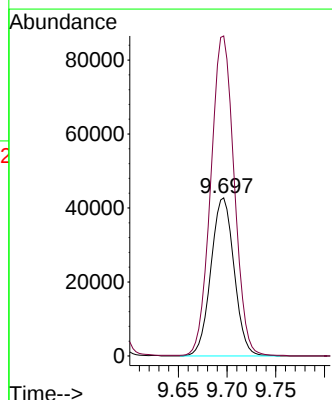
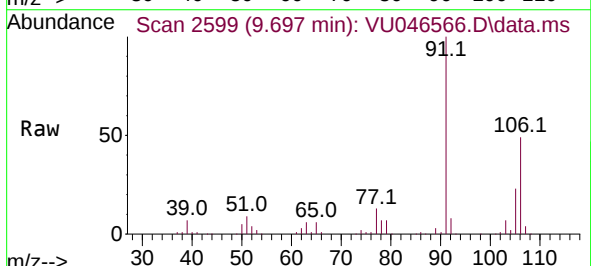
Acq: 22 Dec 2021 21:13

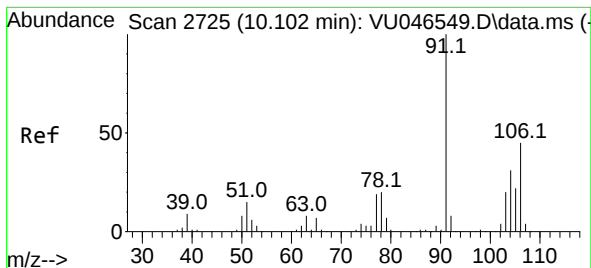
Tgt Ion: 106 Resp: 70722

Ion Ratio Lower Upper

106 100

91 202.5 139.4 259.0





#54

o-Xylene

Concen: 5.292 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

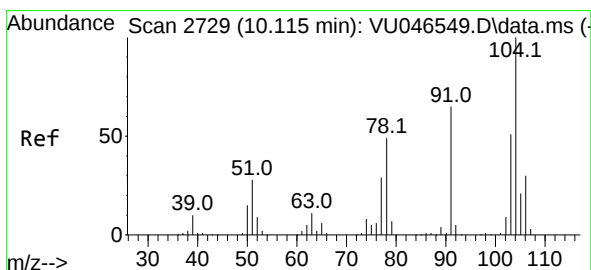
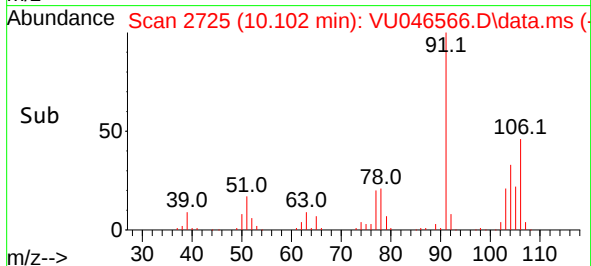
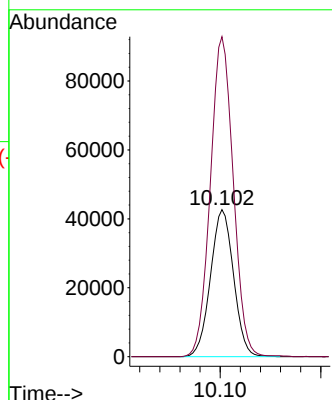
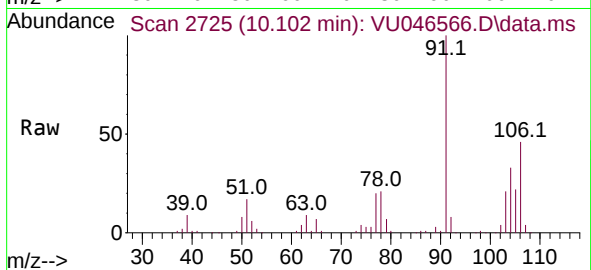
ClientSampleId :

Tgt Ion:106 Resp: 67924

Ion Ratio Lower Upper

106 100

91 217.6 147.5 273.9



#55

Styrene

Concen: 5.286 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU046566.D

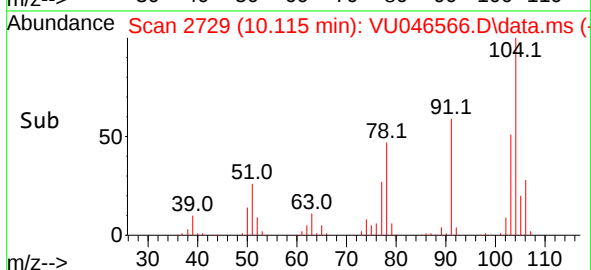
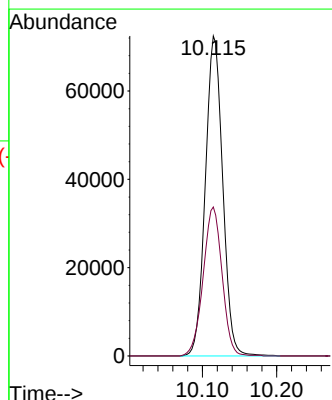
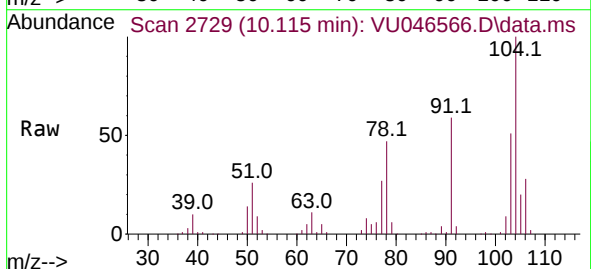
Acq: 22 Dec 2021 21:13

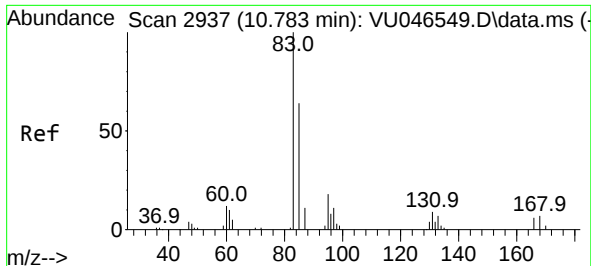
Tgt Ion:104 Resp: 117683

Ion Ratio Lower Upper

104 100

78 46.5 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.513 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

ClientSampleId :

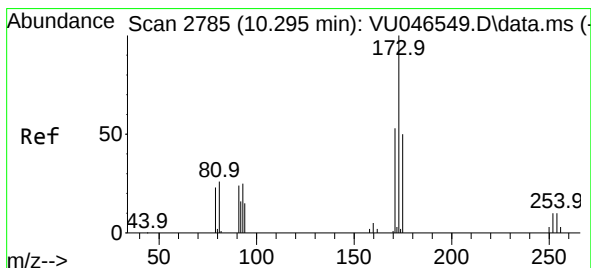
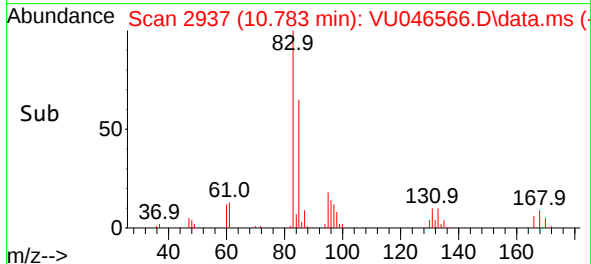
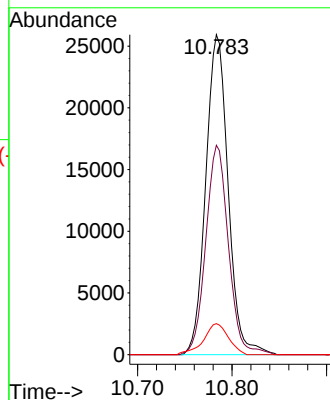
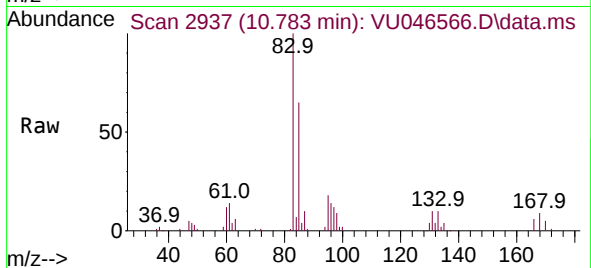
Tgt Ion: 83 Resp: 42582

Ion Ratio Lower Upper

83 100

85 65.4 47.9 89.1

131 9.7 8.1 12.1



#59

Bromoform

Concen: 4.688 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

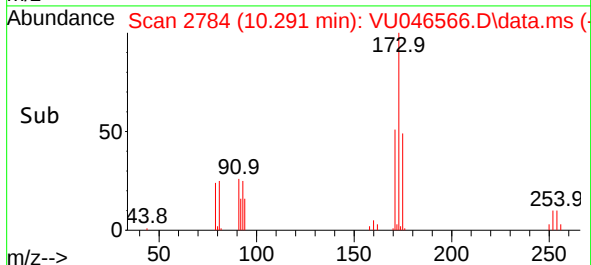
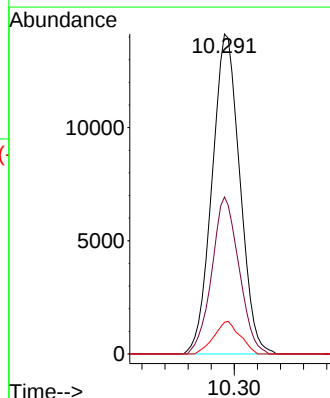
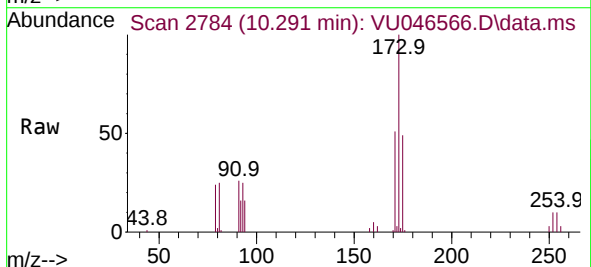
Tgt Ion:173 Resp: 23552

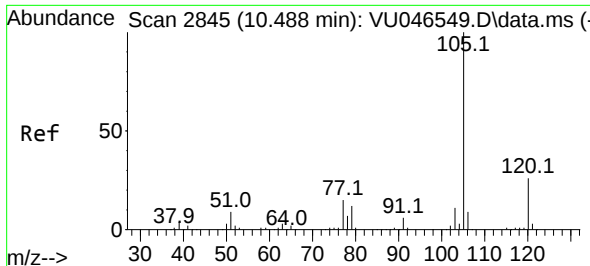
Ion Ratio Lower Upper

173 100

175 48.0 37.8 56.6

254 9.5 7.3 10.9

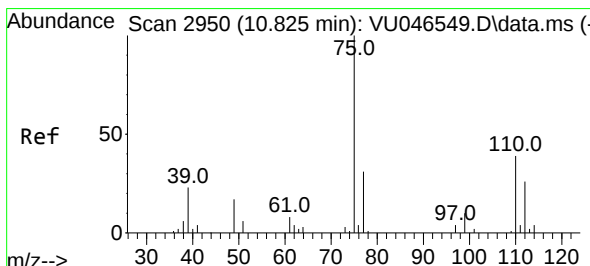
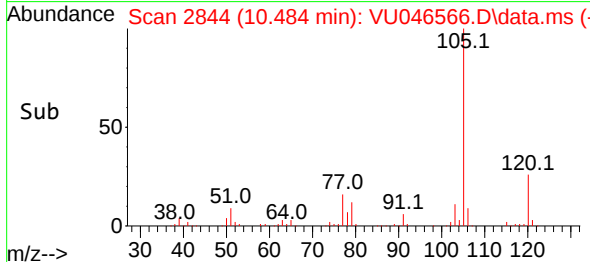
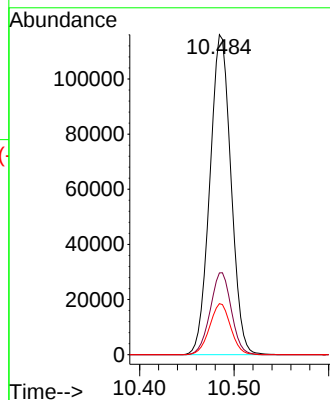
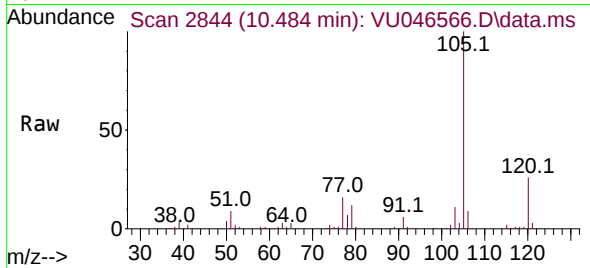




#60
Isopropylbenzene
Concen: 5.373 ug/L
RT: 10.484 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

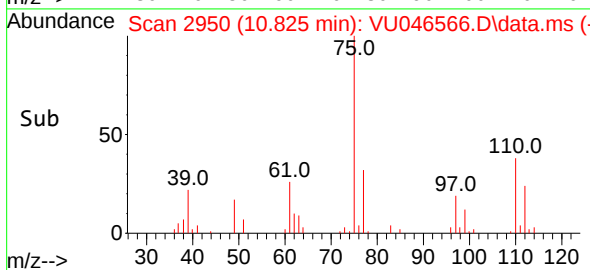
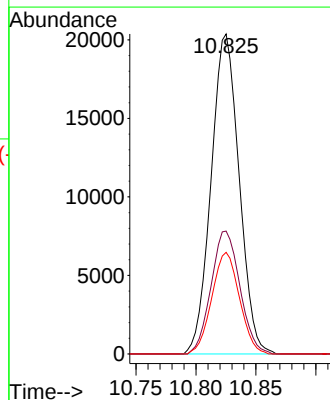
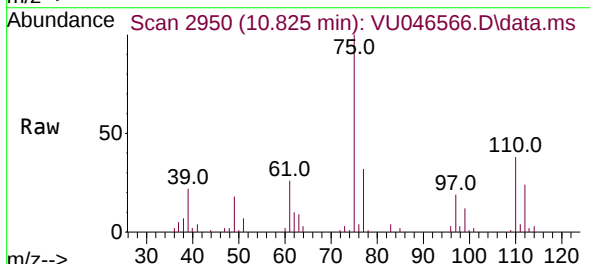
Instrument :
MSVOA_U
ClientSampleId :

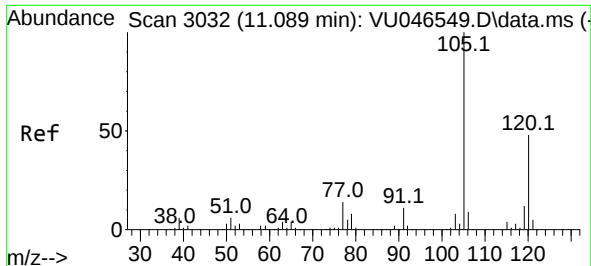
Tgt Ion:105 Resp: 180169
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.584 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

Tgt Ion: 75 Resp: 33100
Ion Ratio Lower Upper
75 100
110 39.5 29.9 44.9
77 31.3 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.299 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

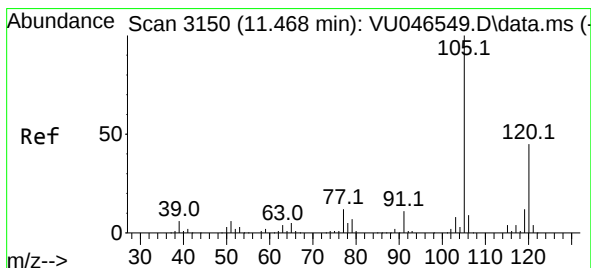
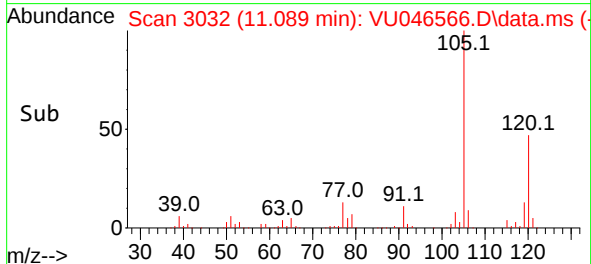
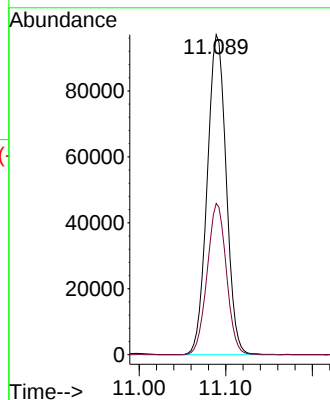
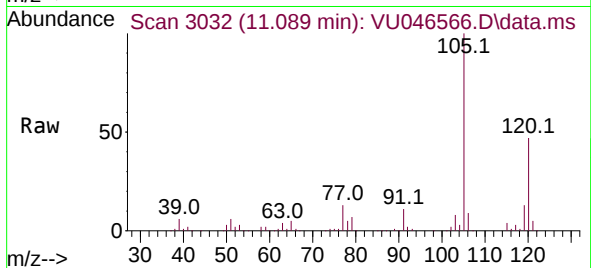
ClientSampleId :

Tgt Ion:105 Resp: 147783

Ion Ratio Lower Upper

105 100

120 47.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.416 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU046566.D

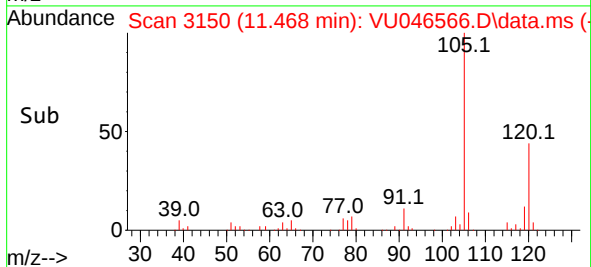
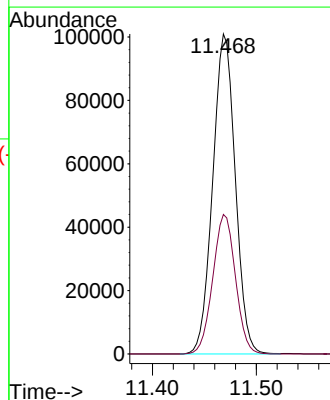
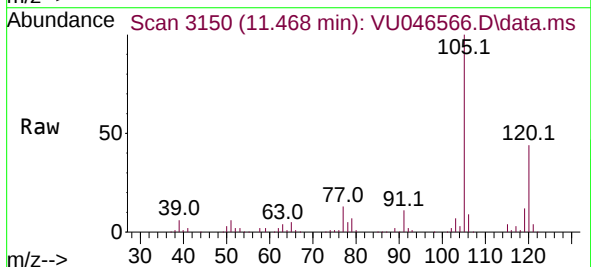
Acq: 22 Dec 2021 21:13

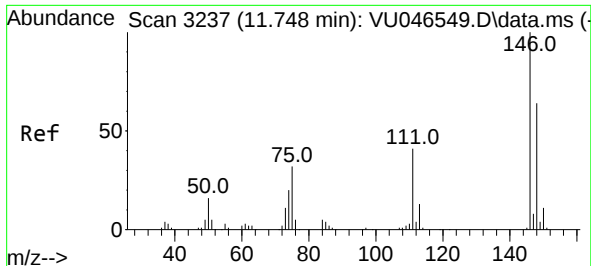
Tgt Ion:105 Resp: 152116

Ion Ratio Lower Upper

105 100

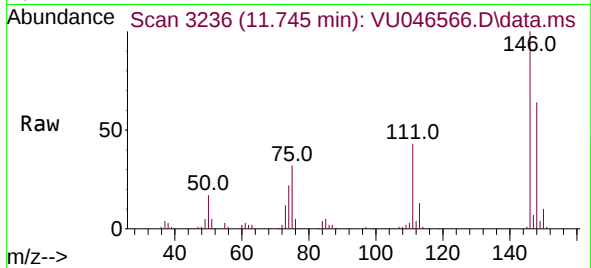
120 43.8 35.8 53.8



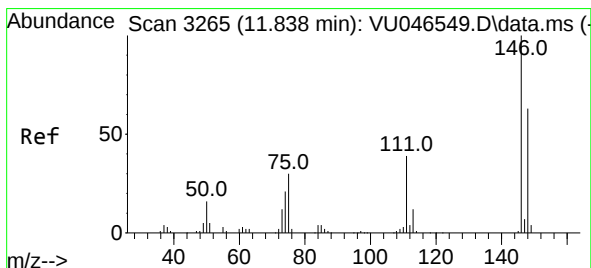
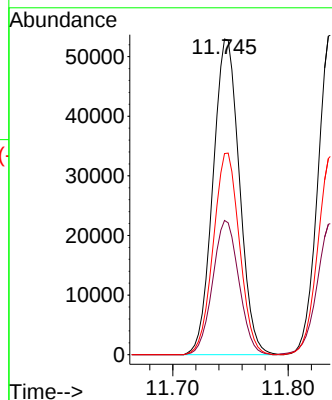
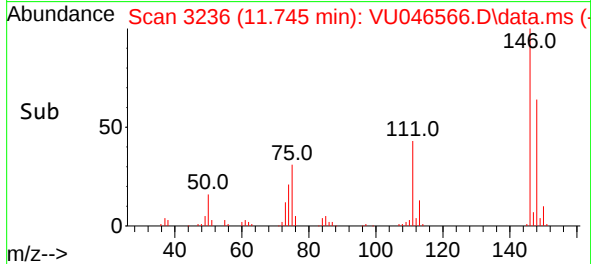


#64
1,3-Dichlorobenzene
Concen: 5.177 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

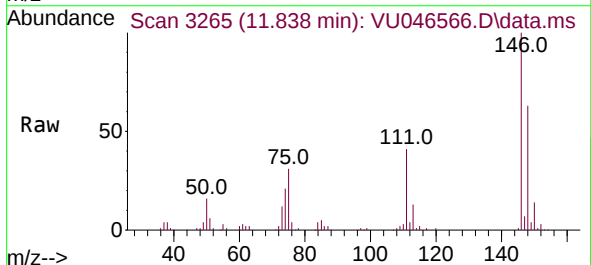
Instrument :
MSVOA_U
ClientSampleId :



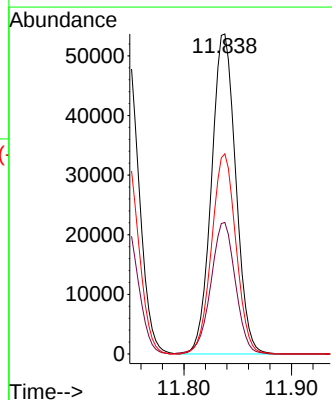
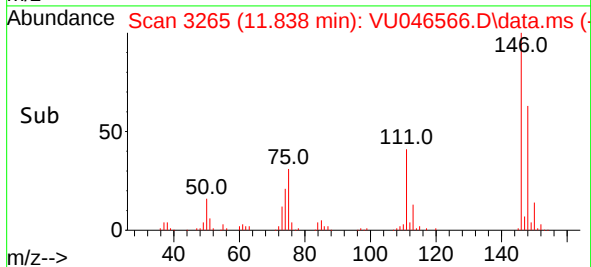
Tgt Ion:146 Resp: 84380
Ion Ratio Lower Upper
146 100
111 42.5 29.9 55.5
148 63.7 44.3 82.3

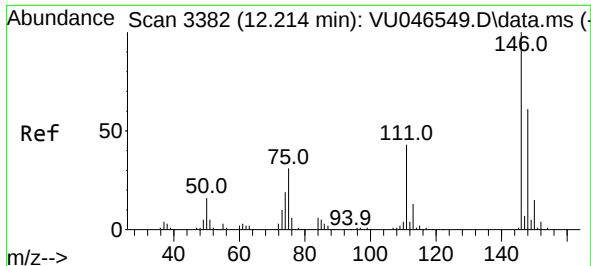


#65
1,4-Dichlorobenzene
Concen: 5.047 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13



Tgt Ion:146 Resp: 84227
Ion Ratio Lower Upper
146 100
111 41.1 28.7 53.3
148 62.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.949 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

ClientSampleId :

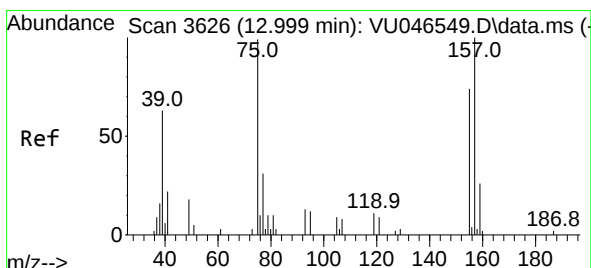
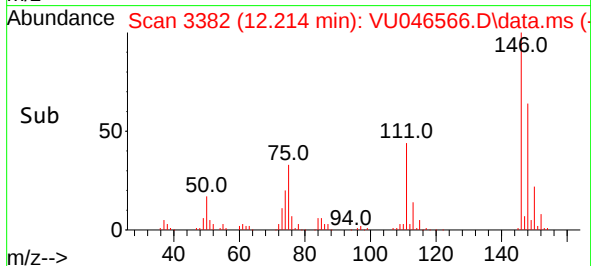
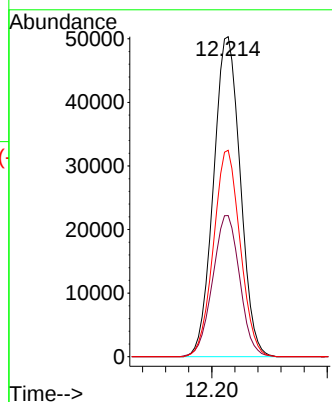
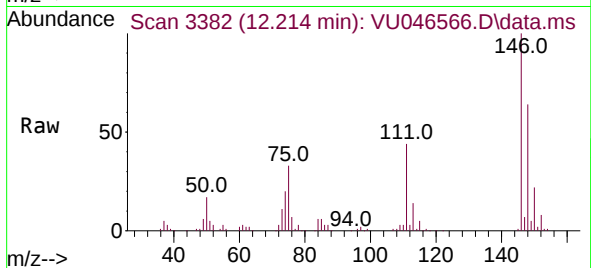
Tgt Ion:146 Resp: 80919

Ion Ratio Lower Upper

146 100

111 44.1 35.4 53.0

148 64.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.666 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

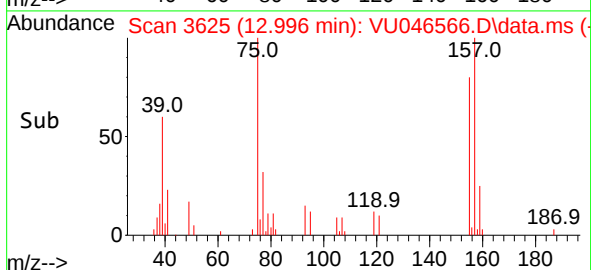
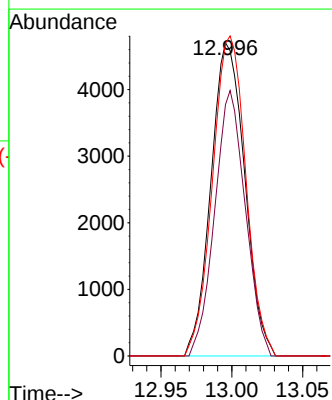
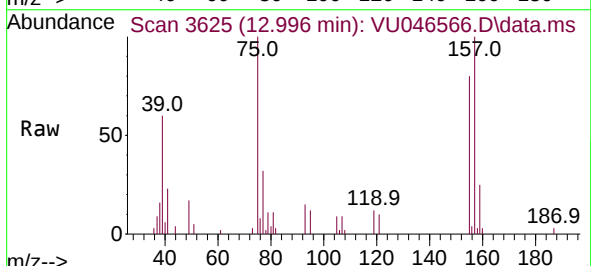
Tgt Ion: 75 Resp: 7799

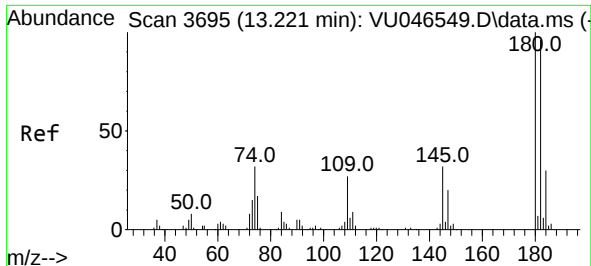
Ion Ratio Lower Upper

75 100

155 80.2 59.2 88.8

157 99.8 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 5.106 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.003 min

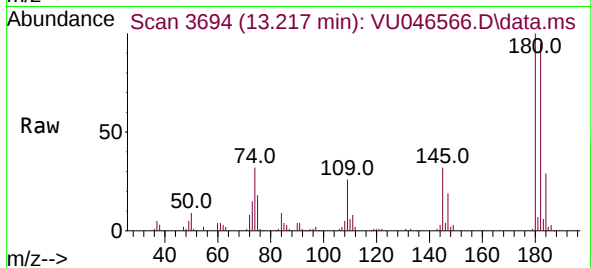
Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 62994

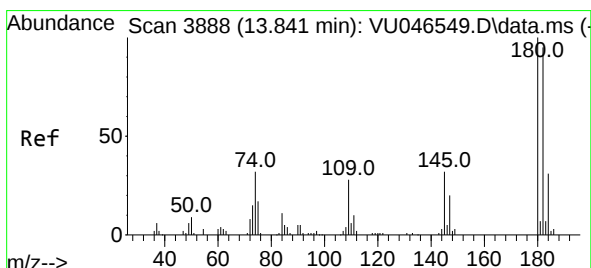
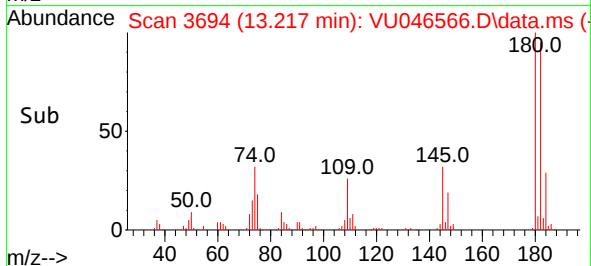
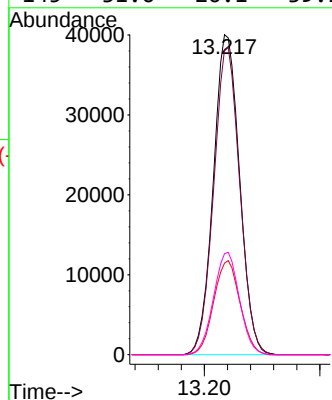
Ion Ratio Lower Upper

180 100

182 95.4 76.1 114.1

184 29.5 25.0 37.4

145 31.6 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 5.127 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU046566.D

Acq: 22 Dec 2021 21:13

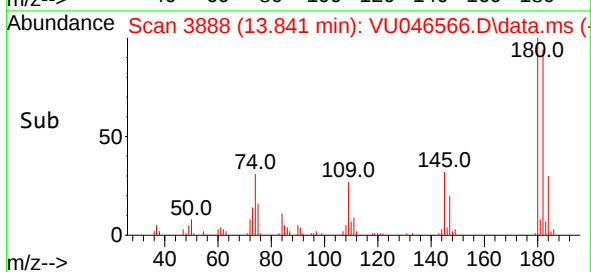
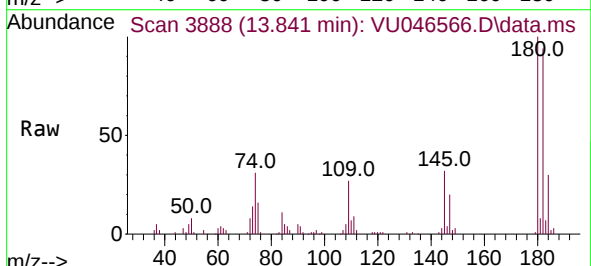
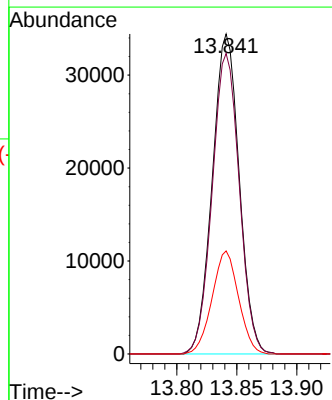
Tgt Ion:180 Resp: 53571

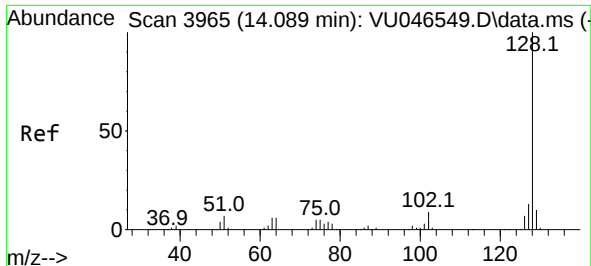
Ion Ratio Lower Upper

180 100

182 94.4 76.4 114.6

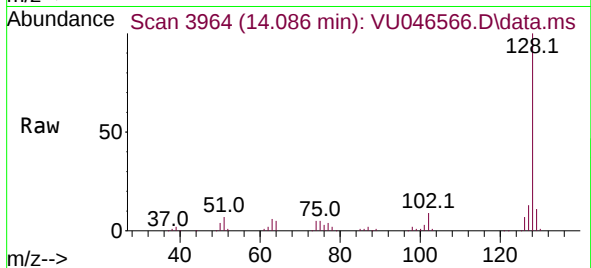
145 31.7 25.6 38.4



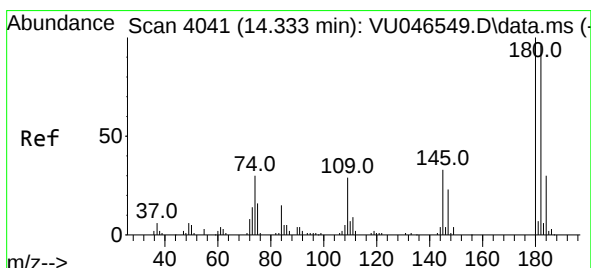
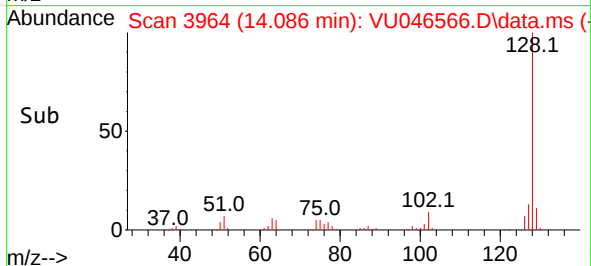
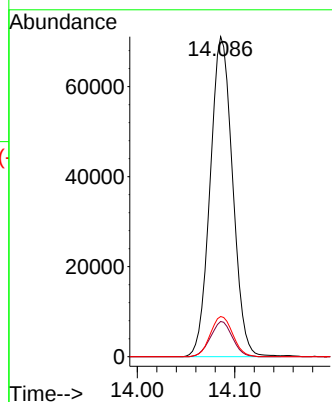


#71
Naphthalene
Concen: 4.906 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 113854
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.181 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU046566.D
Acq: 22 Dec 2021 21:13

Tgt Ion:180 Resp: 53599
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.4
145 33.4 28.4 42.6

