

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046145.D
 Acq On : 07 Dec 2021 17:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 04:54:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	231363	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	228187	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	126055	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	85618	44.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.840%
7) Chloroethane-d5	1.919	69	63085	43.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.220%
11) 1,1-Dichloroethene-d2	2.575	63	157688	46.089	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.180%
21) 2-Butanone-d5	4.639	46	137730	90.907	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.910%
24) Chloroform-d	5.070	84	152092	47.788	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
26) 1,2-Dichloroethane-d4	5.706	65	98391	46.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
32) Benzene-d6	5.732	84	325047	49.700	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.693	67	99130	48.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.820%
41) Toluene-d8	7.902	98	304700	51.168	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.340%
43) trans-1,3-Dichloroprop...	8.182	79	51179	52.305	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.620%
47) 2-Hexanone-d5	8.635	63	104578	108.817	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.820%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	149193	48.535	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.080%
66) 1,2-Dichlorobenzene-d4	12.195	152	122208	50.341	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	104555	41.537	ug/L	98
3) Chloromethane	1.523	50	90700	40.285	ug/L	99
5) Vinyl chloride	1.607	62	99183	43.690	ug/L	100
6) Bromomethane	1.864	94	59498	46.241	ug/L	98
8) Chloroethane	1.938	64	56153	42.721	ug/L	98
9) Trichlorofluoromethane	2.144	101	133368	44.999	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	85273	50.653	ug/L	96
12) 1,1-Dichloroethene	2.587	96	79266	49.549	ug/L	84
13) Acetone	2.652	43	142970	75.506	ug/L	97
14) Carbon disulfide	2.800	76	220872	44.502	ug/L	100
15) Methyl Acetate	2.957	43	100262	45.422	ug/L	96
16) Methylene chloride	3.050	84	91563	48.107	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	86164	50.896	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	277869	53.258	ug/L	100
19) 1,1-Dichloroethane	3.877	63	151955	49.366	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	95527	52.003	ug/L	99
22) 2-Butanone	4.716	43	169691	82.324	ug/L	95
23) Bromochloromethane	4.980	128	48887	52.693	ug/L	90
25) Chloroform	5.092	83	166530	48.692	ug/L	100

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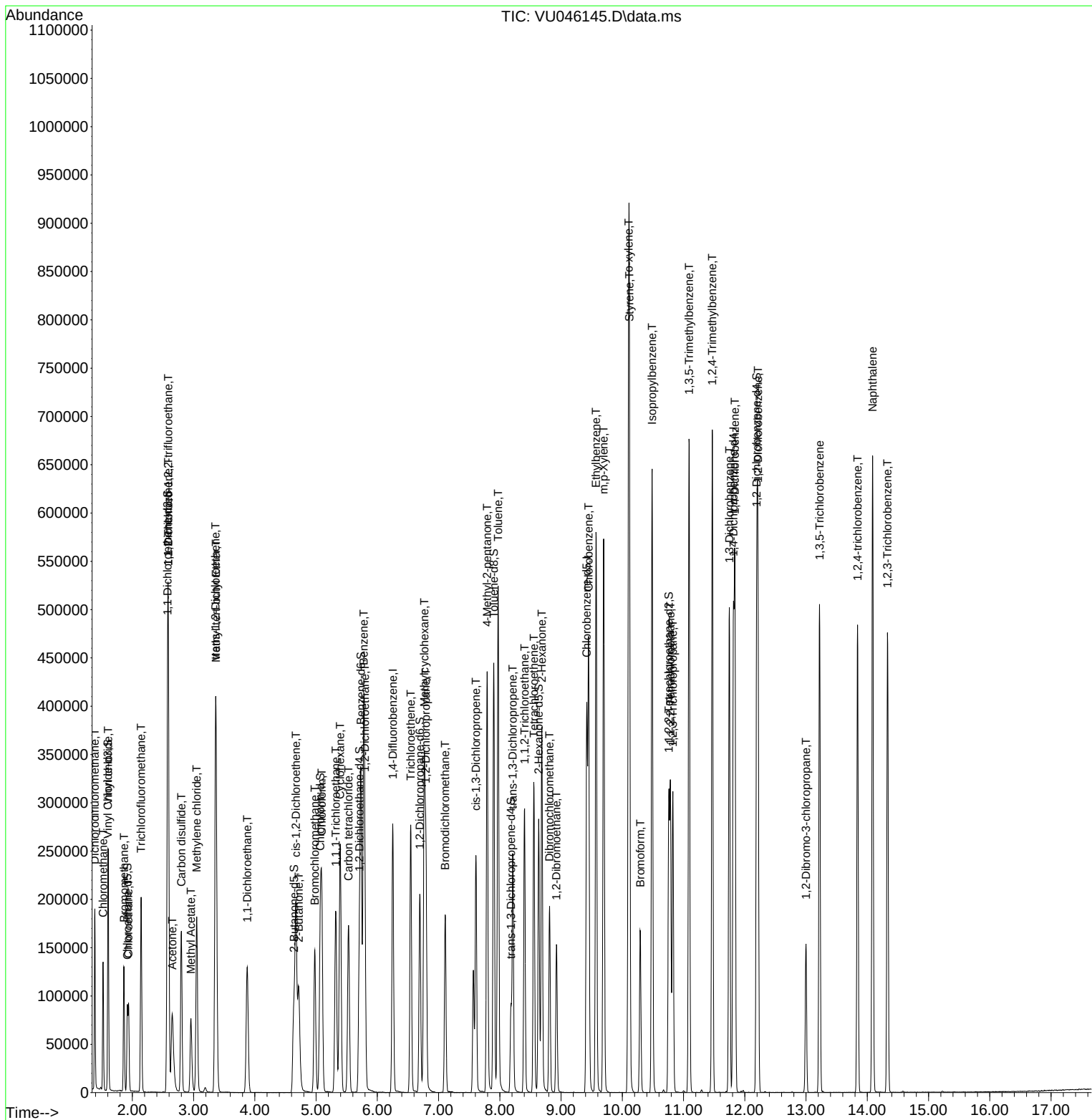
Instrument :
 MSVOA_U
 ClientSampleId :

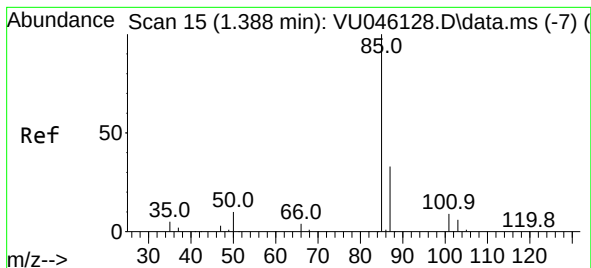
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 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	121383	47.829	ug/L	98
29) Cyclohexane	5.394	56	134033	50.444	ug/L	97
30) 1,1,1-Trichloroethane	5.320	97	142820	50.989	ug/L	98
31) Carbon tetrachloride	5.529	117	121091	50.923	ug/L	98
33) Benzene	5.777	78	352114	50.984	ug/L	100
34) Trichloroethene	6.546	95	94664	52.030	ug/L	98
35) Methylcyclohexane	6.767	83	142582	50.541	ug/L	98
37) 1,2-Dichloropropane	6.793	63	90514	50.031	ug/L	100
38) Bromodichloromethane	7.108	83	119952	49.883	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	149084	54.168	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	269081	101.230	ug/L	98
42) Toluene	7.973	91	392995	53.031	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	142448	52.696	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	94833	52.248	ug/L	98
46) Tetrachloroethene	8.555	164	74241	55.526	ug/L	96
48) 2-Hexanone	8.687	43	224051	94.250	ug/L	96
49) Dibromochloromethane	8.812	129	101854	53.438	ug/L	98
50) 1,2-Dibromoethane	8.925	107	102728	52.204	ug/L	100
51) Chlorobenzene	9.449	112	256358	53.471	ug/L	98
52) Ethylbenzene	9.571	91	432510	54.230	ug/L	97
53) m,p-Xylene	9.697	106	172412	55.432	ug/L	98
54) o-xylene	10.102	106	166592	55.199	ug/L	96
55) Styrene	10.118	104	288725	56.034	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	156280	50.221	ug/L	98
59) Bromoform	10.295	173	76393	51.660	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	131150	47.462	ug/L	99
61) Isopropylbenzene	10.487	105	441380	53.816	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	378223	55.327	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	382755	55.962	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	210332	53.988	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	215518	53.526	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	205544	52.391	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	38163	51.843	ug/L	92
69) 1,3,5-Trichlorobenzene	13.220	180	156025	54.964	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	147545	58.572	ug/L	99
71) Naphthalene	14.089	128	529318	60.384	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	145283	56.558	ug/L	98

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

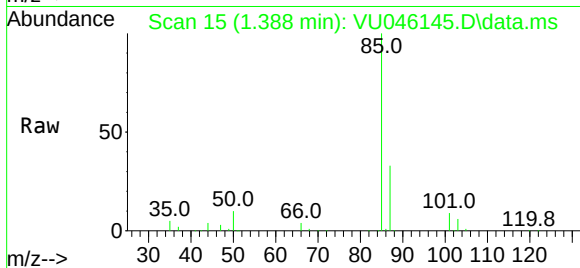
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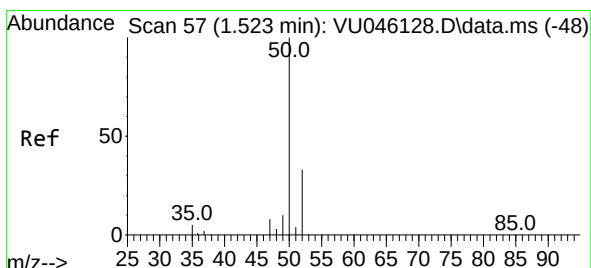
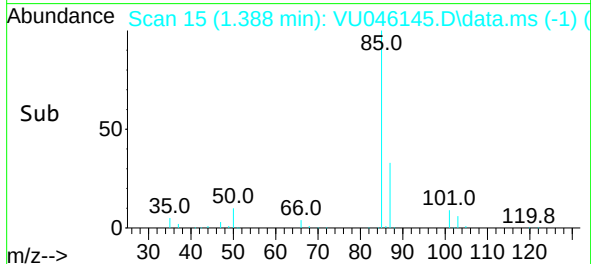
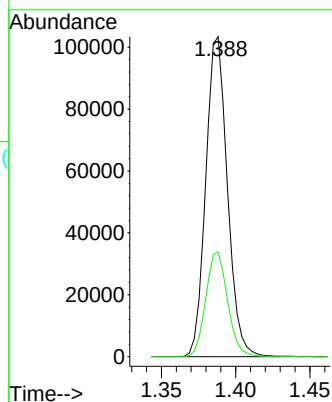


#2
 Dichlorodifluoromethane
 Concen: 41.537 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. -0.000 min
 Lab File: VU046145.D
 Acq: 07 Dec 2021 17:38

Instrument :
 MSVOA_U
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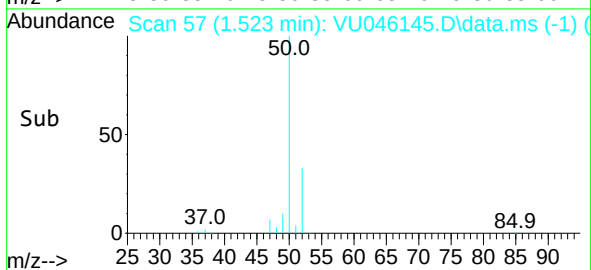
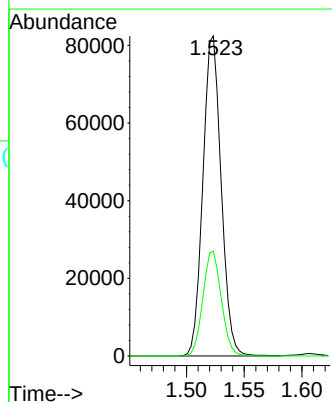
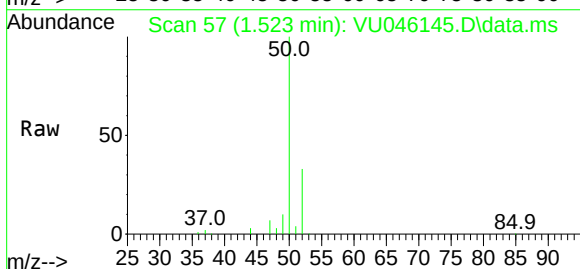


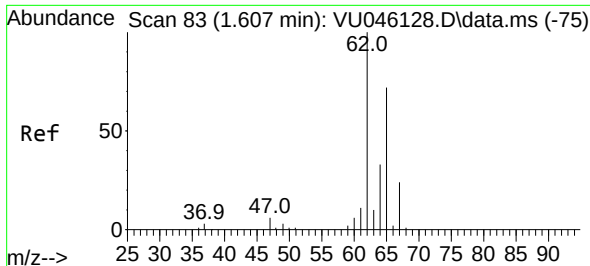
Tgt Ion: 85 Resp: 104555
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.7 38.5



#3
 Chloromethane
 Concen: 40.285 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.003 min
 Lab File: VU046145.D
 Acq: 07 Dec 2021 17:38

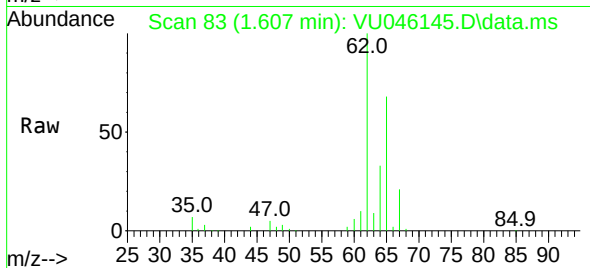
Tgt Ion: 50 Resp: 90700
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2



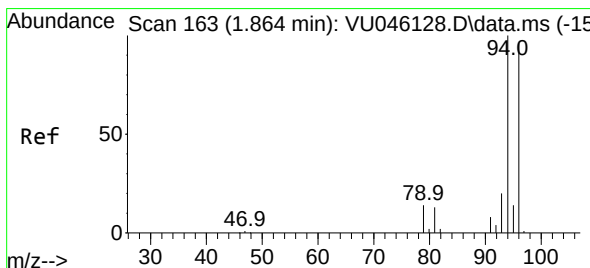
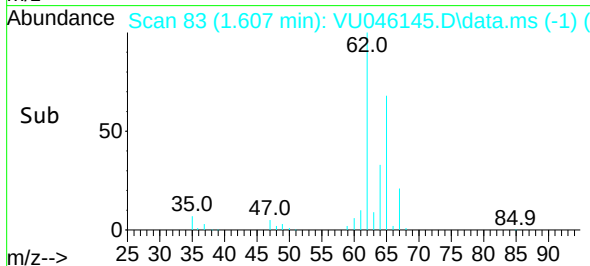
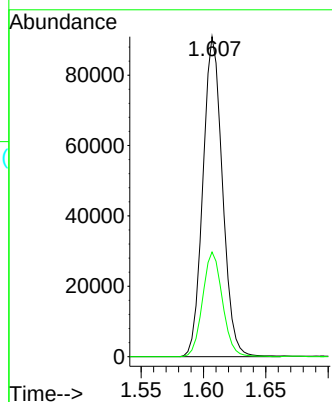


#5
 Vinyl chloride
 Concen: 43.690 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046145.D
 Acq: 07 Dec 2021 17:38

Instrument :
 MSVOA_U
 ClientSampleId :

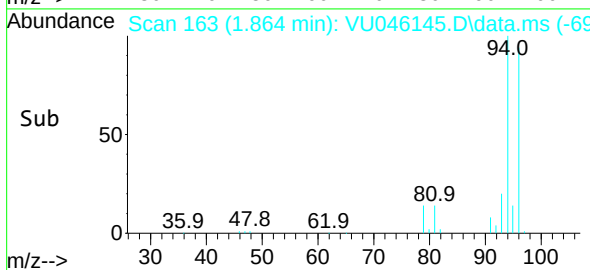
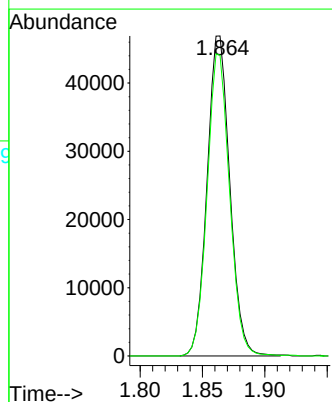
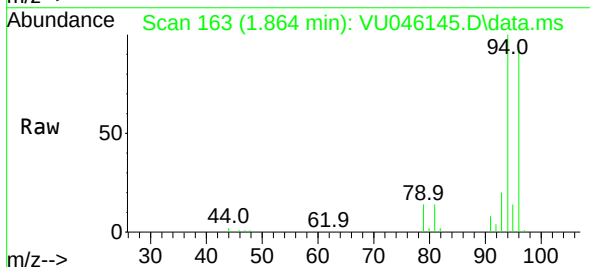


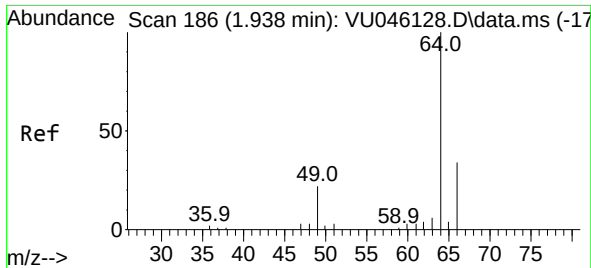
Tgt Ion: 62 Resp: 99183
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 46.241 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU046145.D
 Acq: 07 Dec 2021 17:38

Tgt Ion: 94 Resp: 59498
 Ion Ratio Lower Upper
 94 100
 96 93.9 67.4 125.2

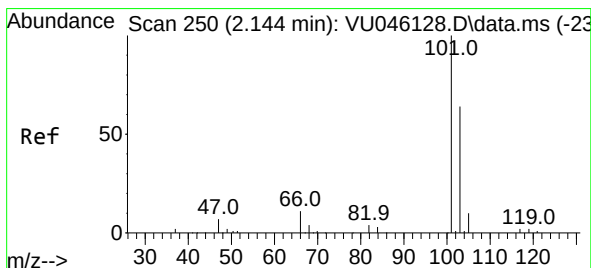
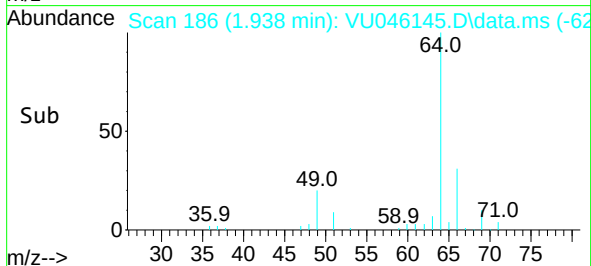
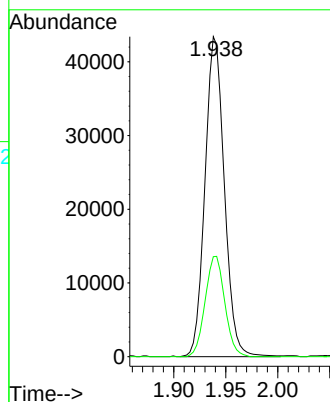
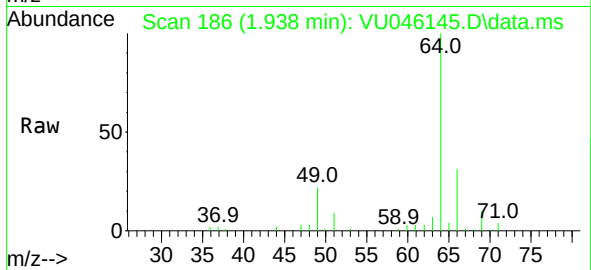




#8
Chloroethane
Concen: 42.721 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

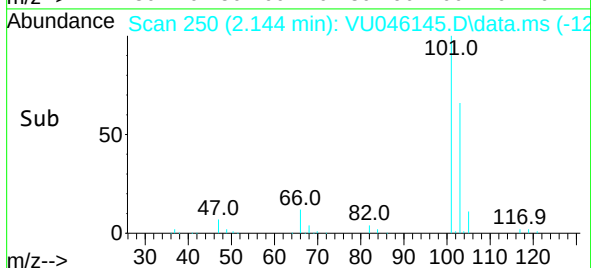
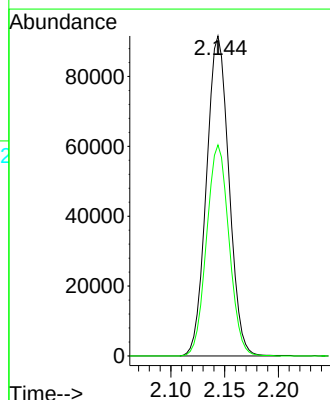
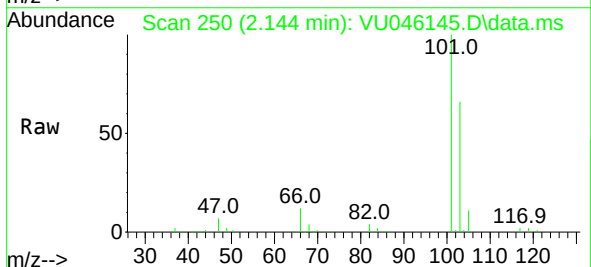
Instrument :
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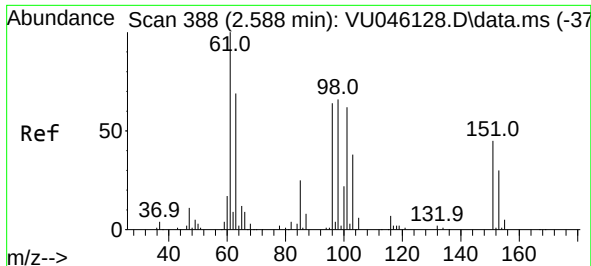
Tgt Ion: 64 Resp: 56153
Ion Ratio Lower Upper
64 100
66 31.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 44.999 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Tgt Ion:101 Resp: 133368
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.6

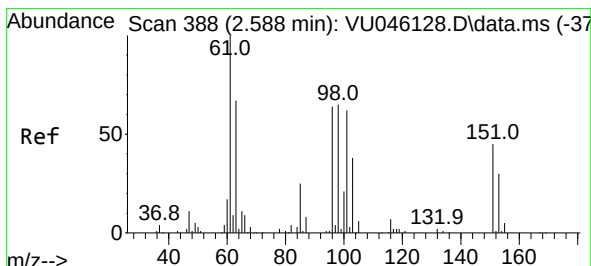
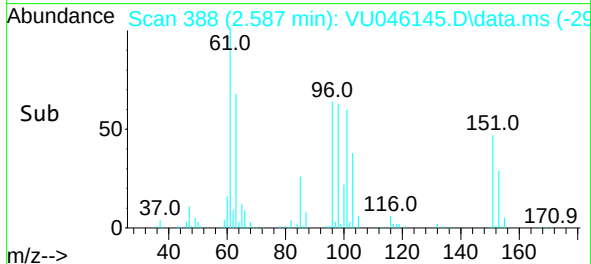
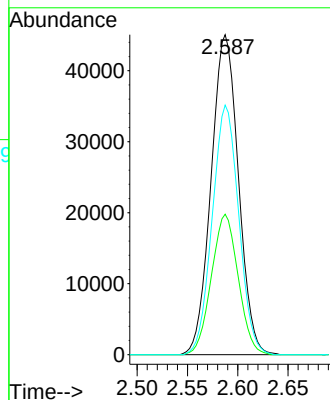
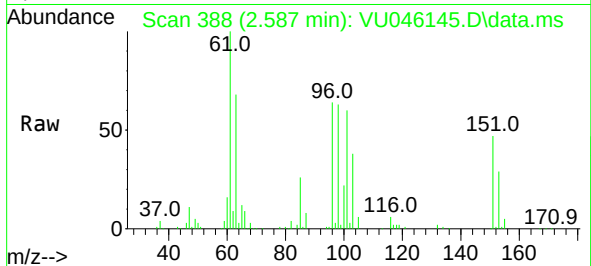




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.653 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046145.D
 Acq: 07 Dec 2021 17:38

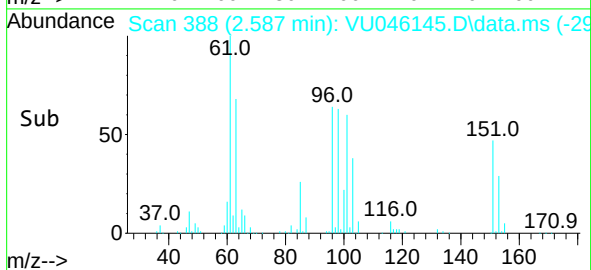
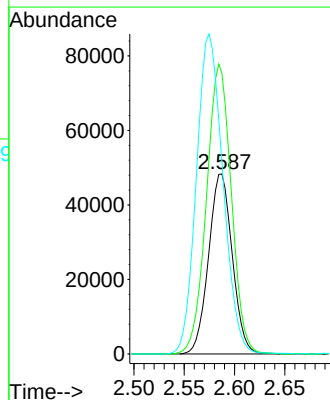
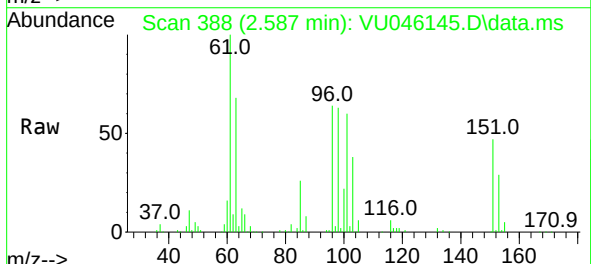
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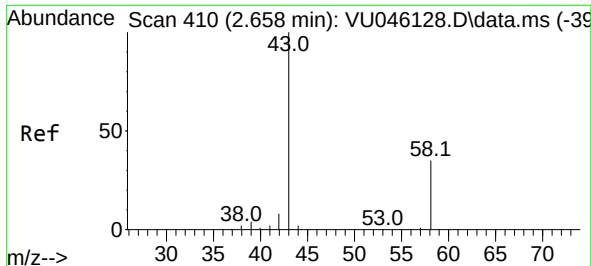
Tgt Ion:101 Resp: 85273
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.1 52.7
 151 75.7 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 49.549 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU046145.D
 Acq: 07 Dec 2021 17:38

Tgt Ion: 96 Resp: 79266
 Ion Ratio Lower Upper
 96 100
 61 155.9 118.6 220.2
 63 106.1 93.0 172.8





#13

Acetone

Concen: 75.506 ug/L

RT: 2.652 min Scan# 410

Delta R.T. -0.010 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

Instrument :

MSVOA_U

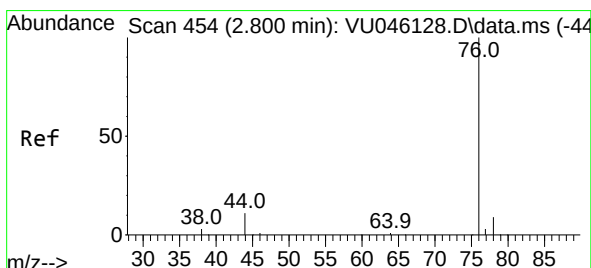
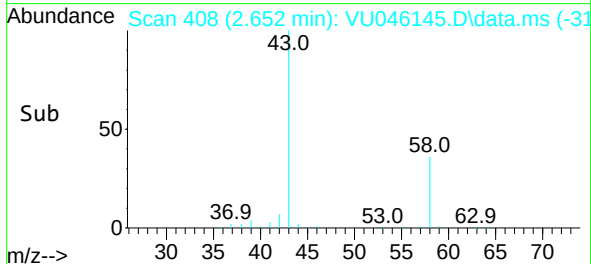
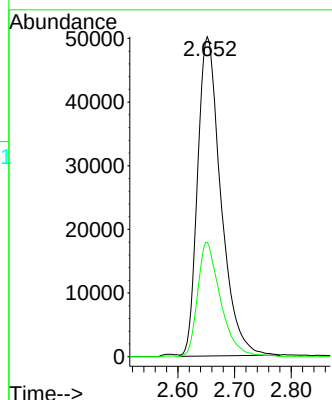
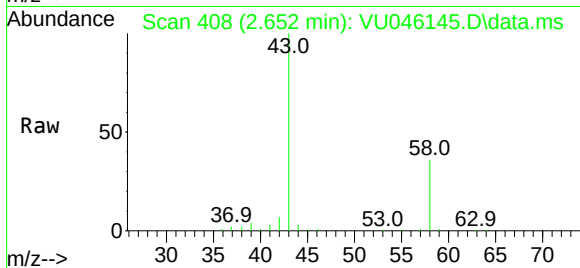
ClientSampleId :

Tgt Ion: 43 Resp: 142970

Ion Ratio Lower Upper

43 100

58 35.2 0.0 66.8



#14

Carbon disulfide

Concen: 44.502 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046145.D

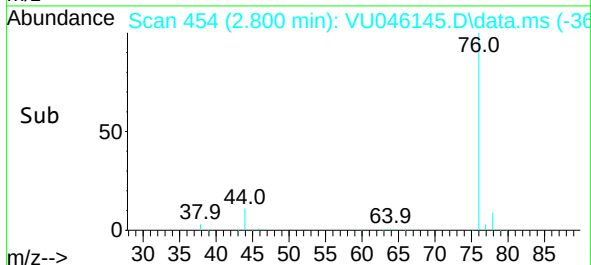
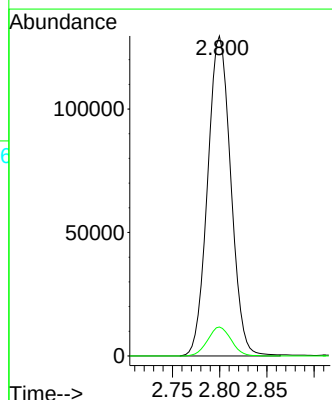
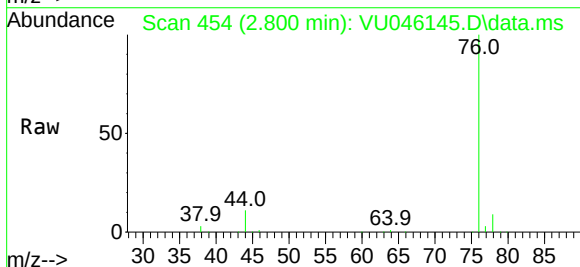
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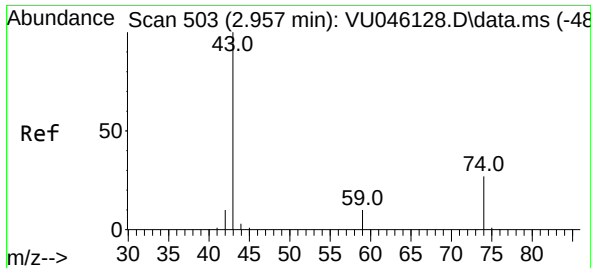
Tgt Ion: 76 Resp: 220872

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

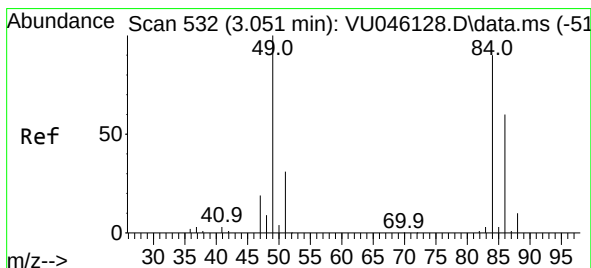
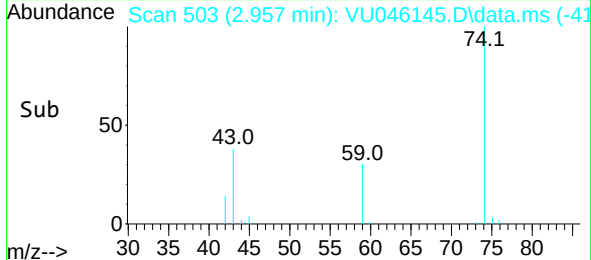
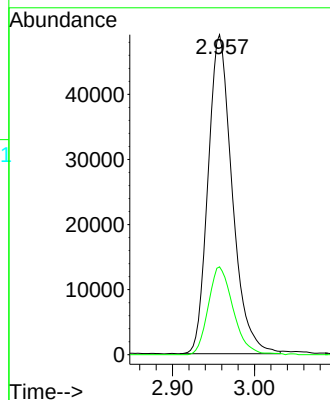
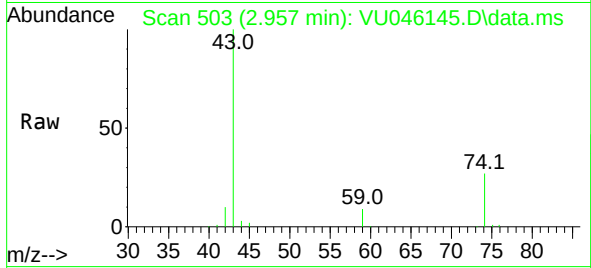




#15
Methyl Acetate
Concen: 45.422 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

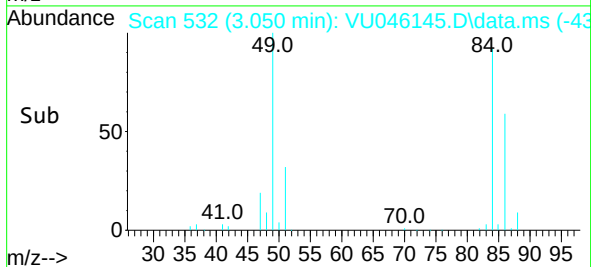
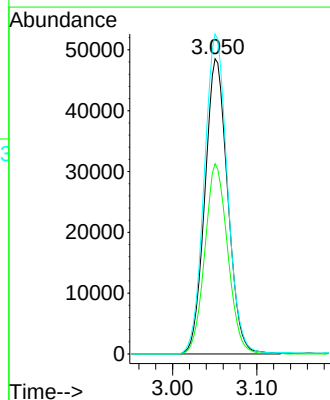
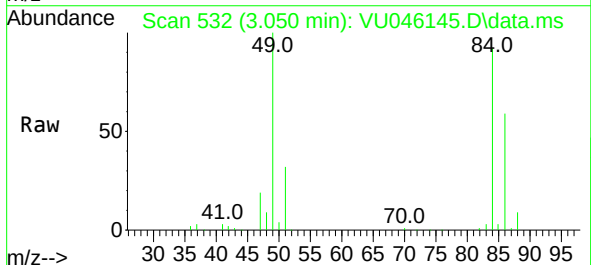
Instrument :
MSVOA_U
ClientSampleId :

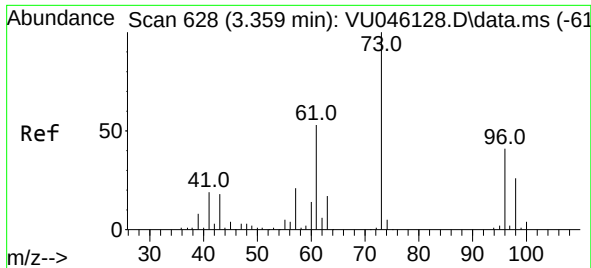
Tgt Ion: 43 Resp: 100262
Ion Ratio Lower Upper
43 100
74 28.1 20.8 31.2



#16
Methylene chloride
Concen: 48.107 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

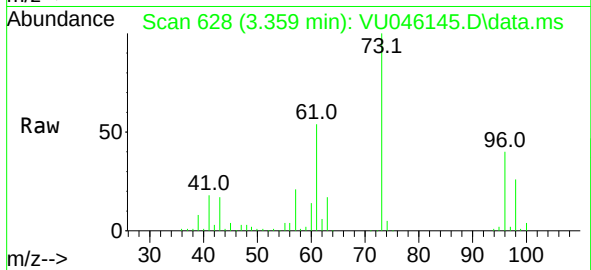
Tgt Ion: 84 Resp: 91563
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 108.4 78.4 145.6



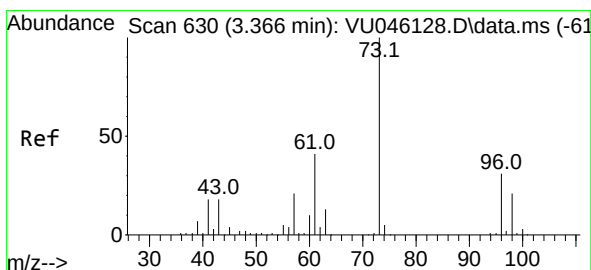
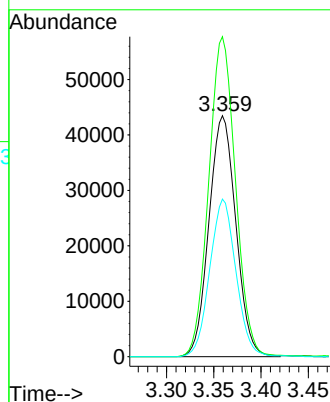
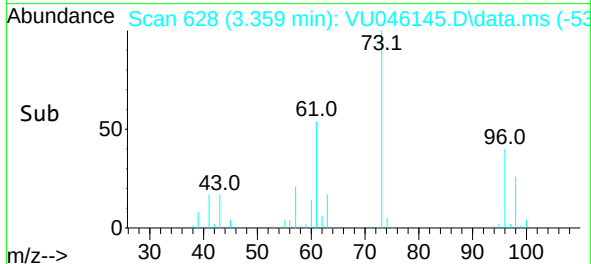


#17
trans-1,2-Dichloroethene
Concen: 50.896 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

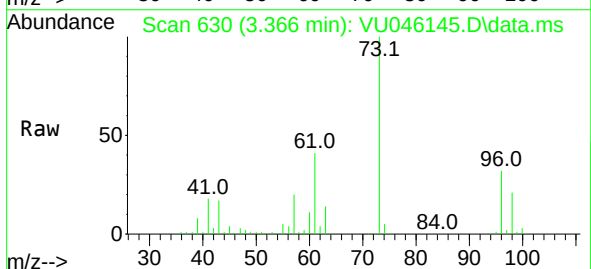
Instrument :
MSVOA_U
ClientSampleId :



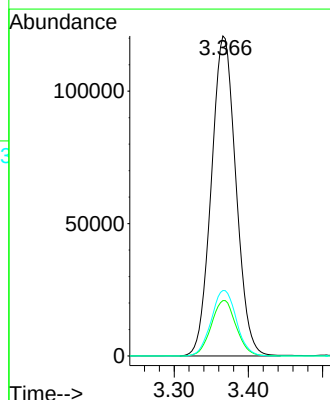
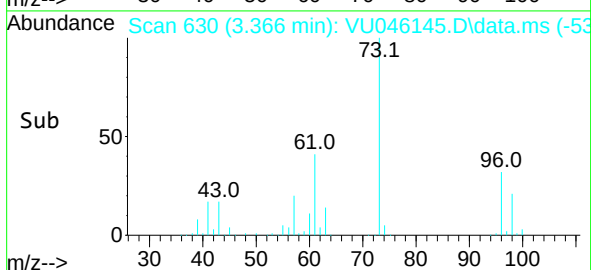
Tgt Ion: 96 Resp: 86164
Ion Ratio Lower Upper
96 100
61 132.8 94.6 175.6
98 65.4 44.0 81.8

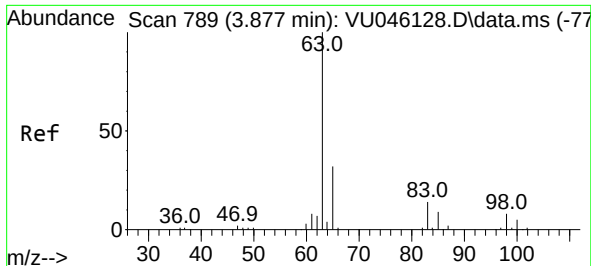


#18
Methyl tert-butyl Ether
Concen: 53.258 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38



Tgt Ion: 73 Resp: 277869
Ion Ratio Lower Upper
73 100
43 17.5 14.0 21.0
57 20.9 17.0 25.4





#19

1,1-Dichloroethane

Concen: 49.366 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

Instrument :

MSVOA_U

ClientSampleId :

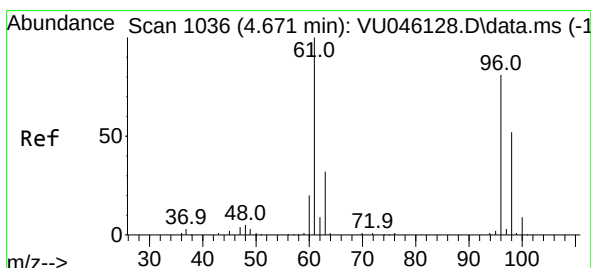
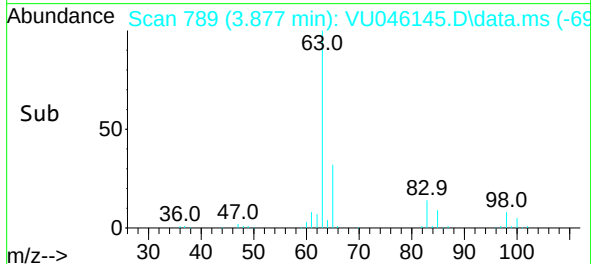
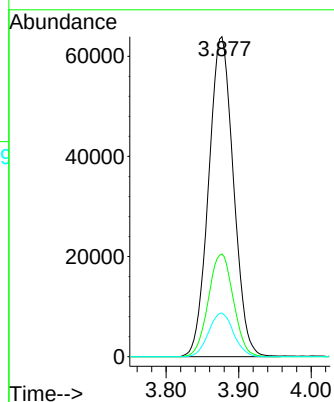
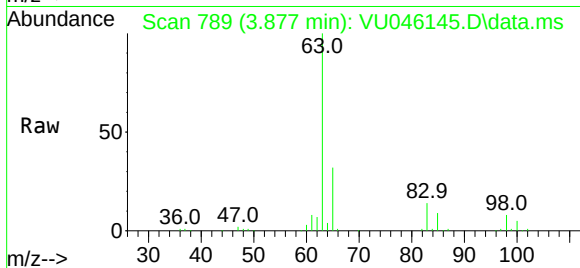
Tgt Ion: 63 Resp: 151955

Ion Ratio Lower Upper

63 100

65 32.1 22.8 42.4

83 13.6 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 52.003 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

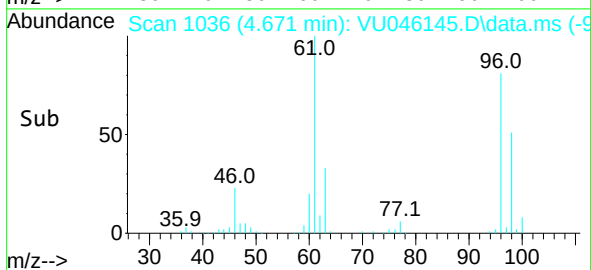
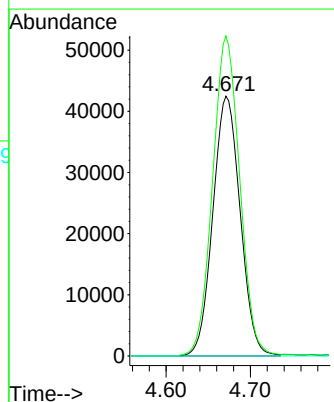
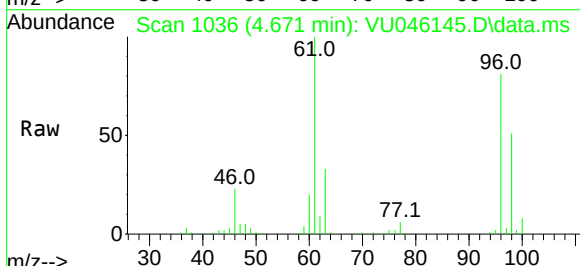
Tgt Ion: 96 Resp: 95527

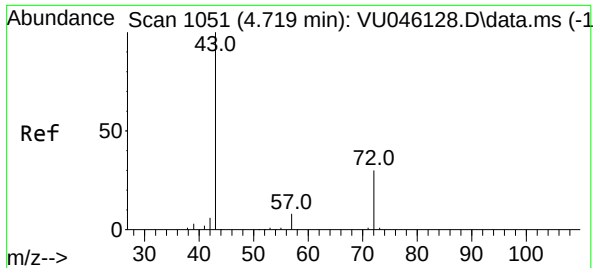
Ion Ratio Lower Upper

96 100

61 123.2 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 82.324 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.007 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

Instrument :

MSVOA_U

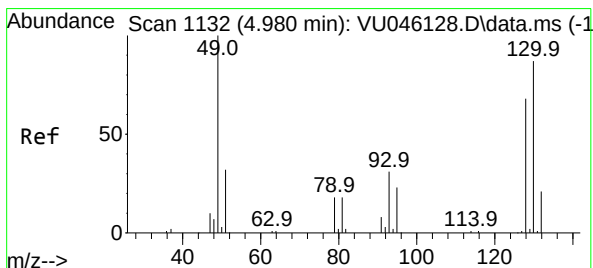
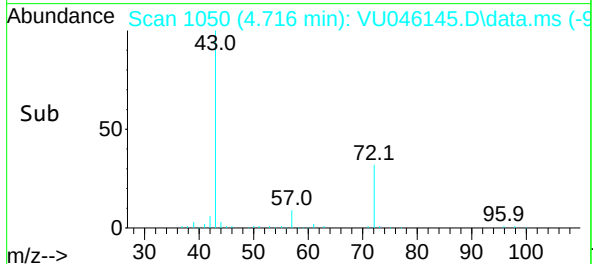
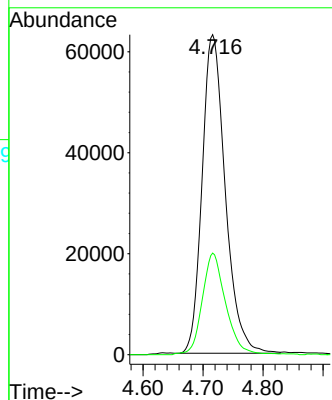
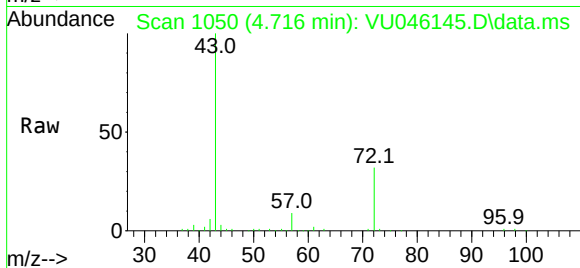
ClientSampleId :

Tgt Ion: 43 Resp: 169691

Ion Ratio Lower Upper

43 100

72 32.0 14.5 43.6



#23

Bromochloromethane

Concen: 52.693 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

Tgt Ion: 128 Resp: 48887

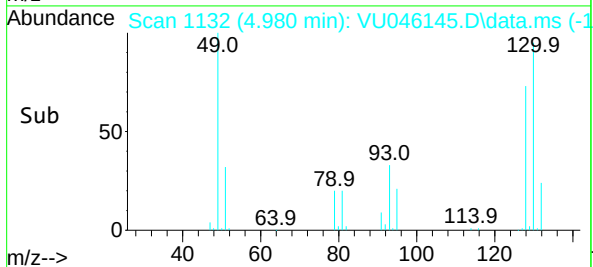
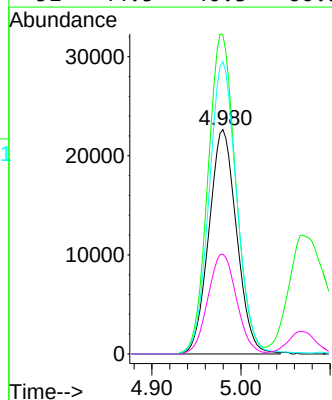
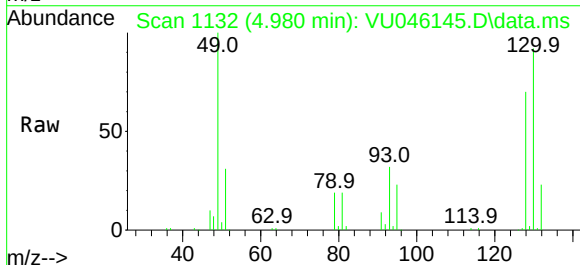
Ion Ratio Lower Upper

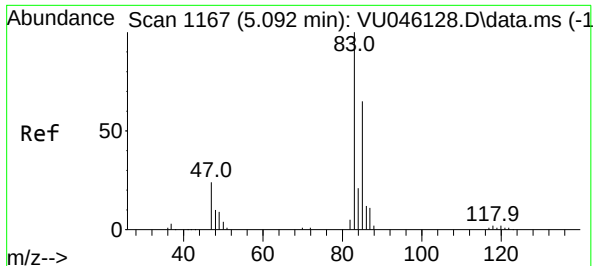
128 100

49 142.3 115.9 215.3

130 130.3 91.8 170.4

51 44.5 40.3 60.5





#25

Chloroform

Concen: 48.692 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

Instrument :

MSVOA_U

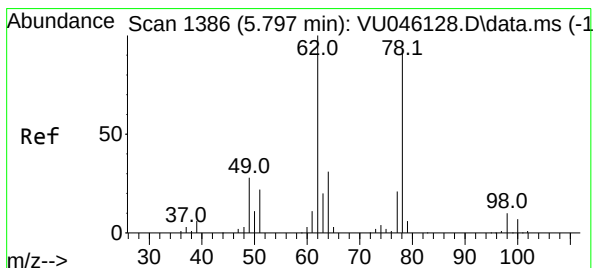
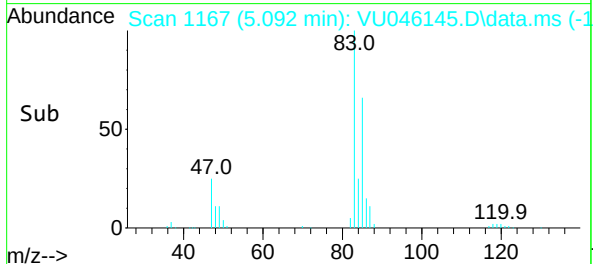
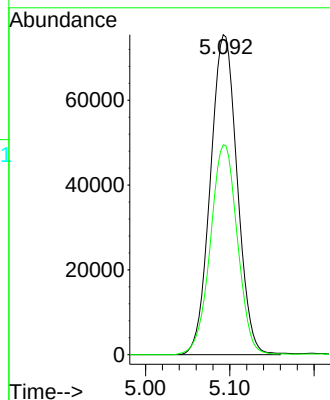
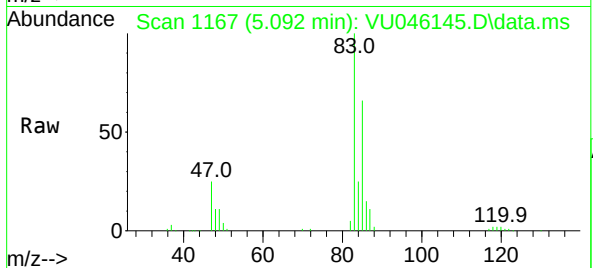
ClientSampleId :

Tgt Ion: 83 Resp: 166530

Ion Ratio Lower Upper

83 100

85 65.6 45.8 85.2



#27

1,2-Dichloroethane

Concen: 47.829 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046145.D

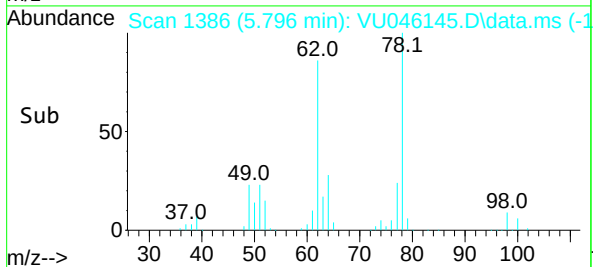
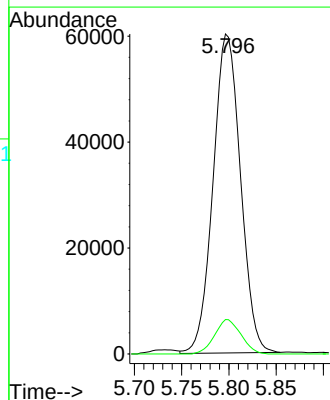
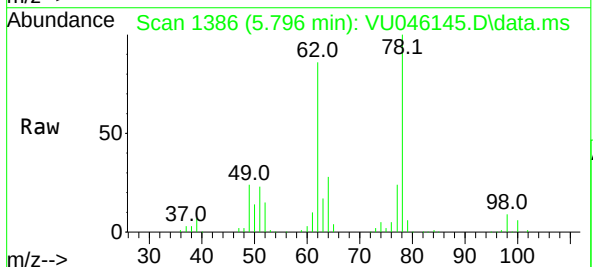
Acq: 07 Dec 2021 17:38

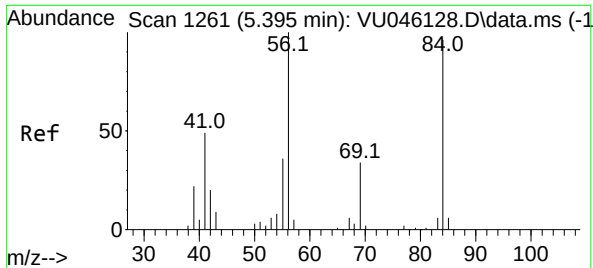
Tgt Ion: 62 Resp: 121383

Ion Ratio Lower Upper

62 100

98 10.7 7.9 11.9





#29

Cyclohexane

Concen: 50.444 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

Instrument :

MSVOA_U

ClientSampleId :

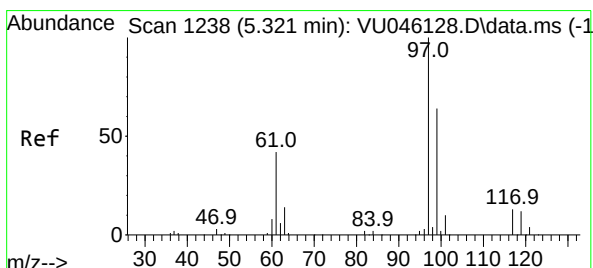
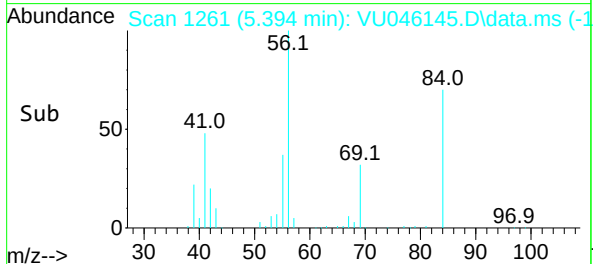
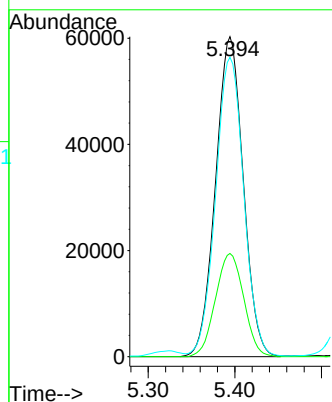
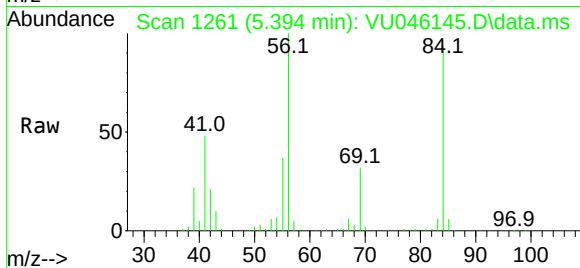
Tgt Ion: 56 Resp: 134033

Ion Ratio Lower Upper

56 100

69 32.9 25.2 37.8

84 94.6 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 50.989 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

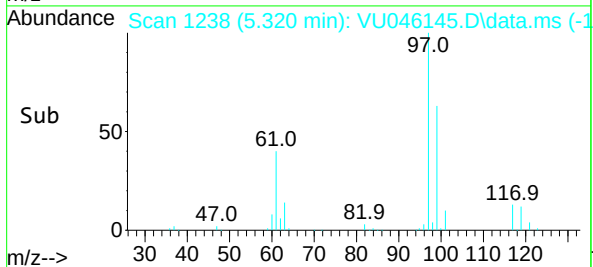
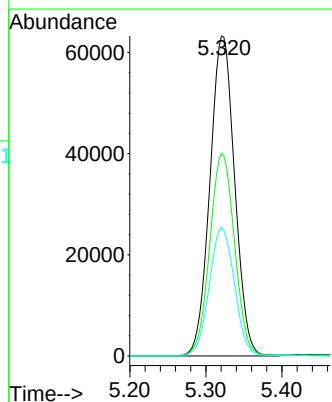
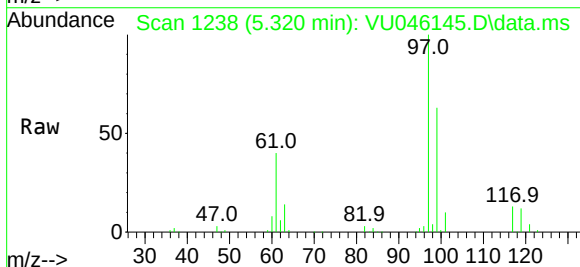
Tgt Ion: 97 Resp: 142820

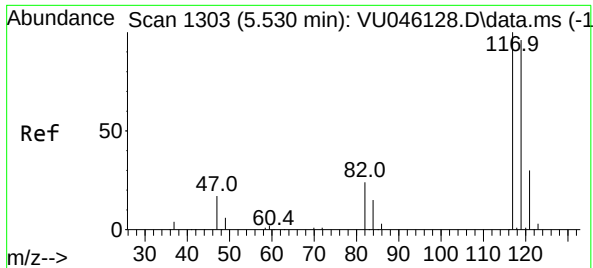
Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.6

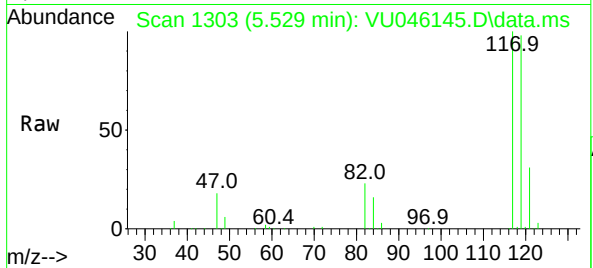
61 40.7 34.4 51.6



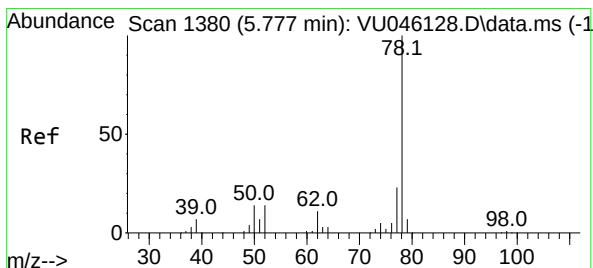
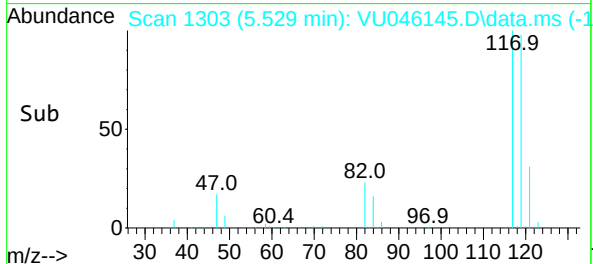
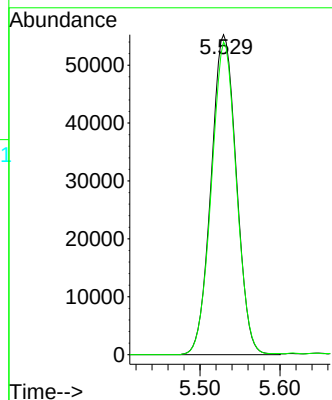


#31
Carbon tetrachloride
Concen: 50.923 ug/L
RT: 5.529 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Instrument :
MSVOA_U
ClientSampleId :

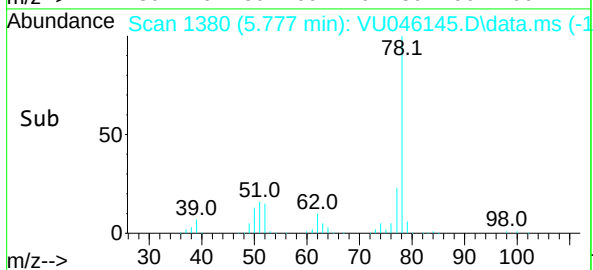
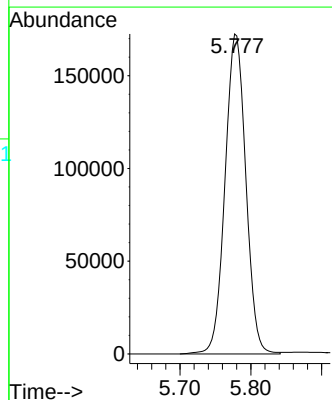
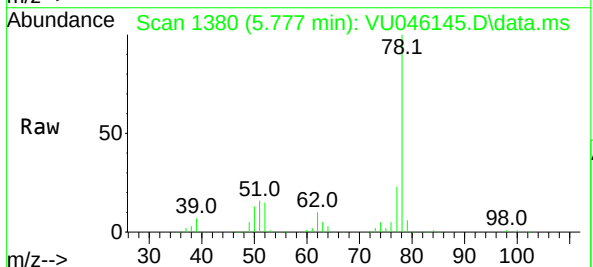


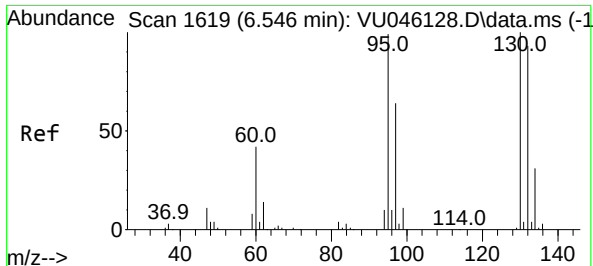
Tgt Ion:117 Resp: 121091
Ion Ratio Lower Upper
117 100
119 96.6 75.7 113.5



#33
Benzene
Concen: 50.984 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

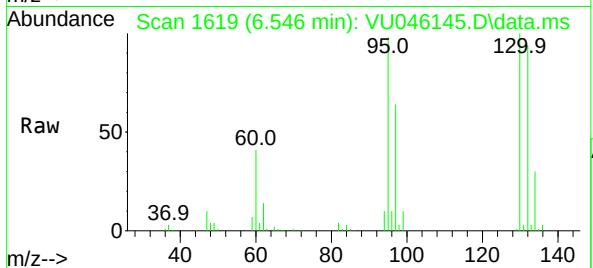
Tgt Ion: 78 Resp: 352114



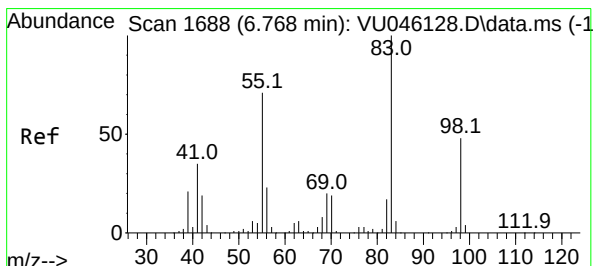
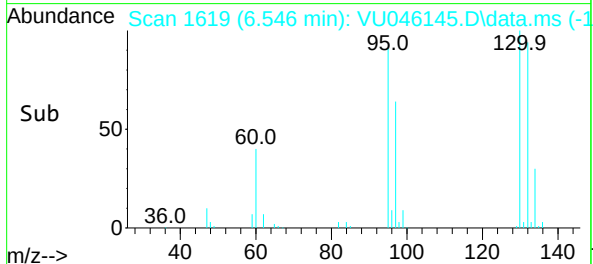
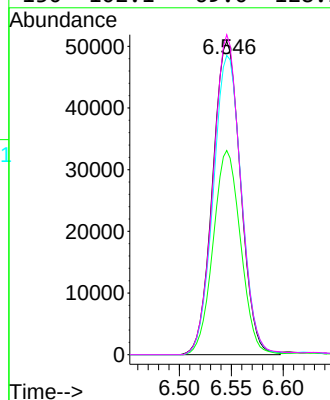


#34
Trichloroethene
Concen: 52.030 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Instrument :
MSVOA_U
ClientSampleId :

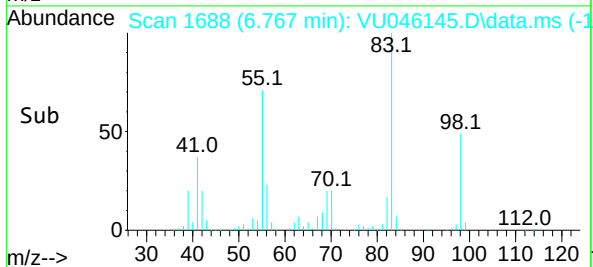
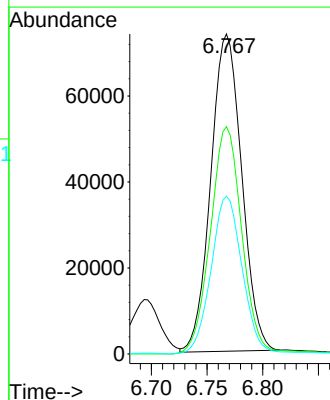
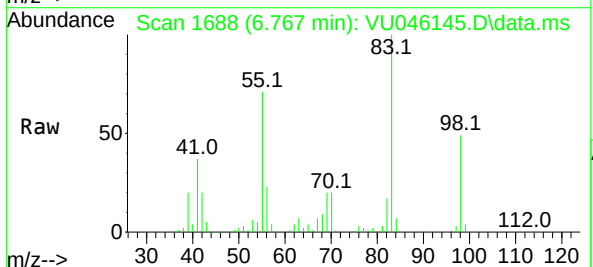


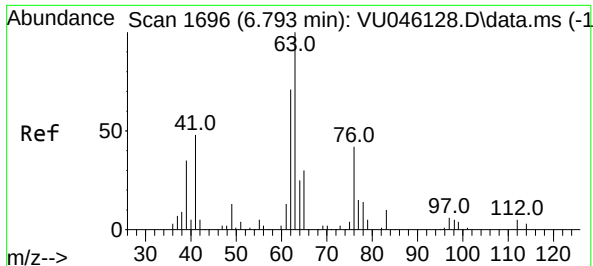
Tgt Ion: 95 Resp: 94664
Ion Ratio Lower Upper
95 100
97 65.1 44.1 81.9
132 95.5 66.8 124.0
130 102.1 69.0 128.1



#35
Methylcyclohexane
Concen: 50.541 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Tgt Ion: 83 Resp: 142582
Ion Ratio Lower Upper
83 100
55 72.6 57.8 86.6
98 50.2 38.4 57.6





#37

1,2-Dichloropropane

Concen: 50.031 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

Instrument :

MSVOA_U

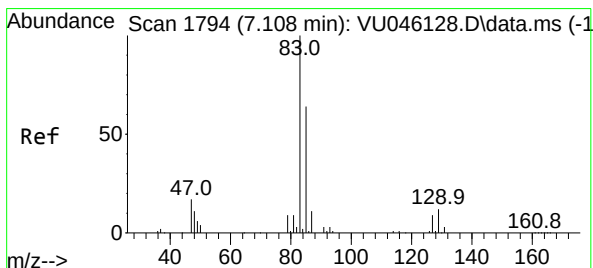
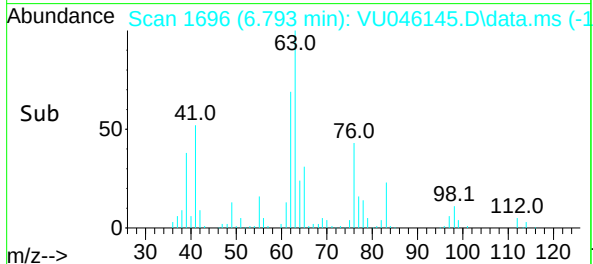
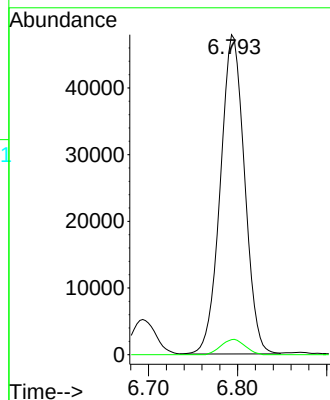
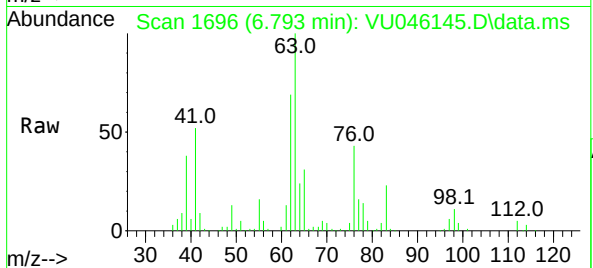
ClientSampleId :

Tgt Ion: 63 Resp: 90514

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 49.883 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

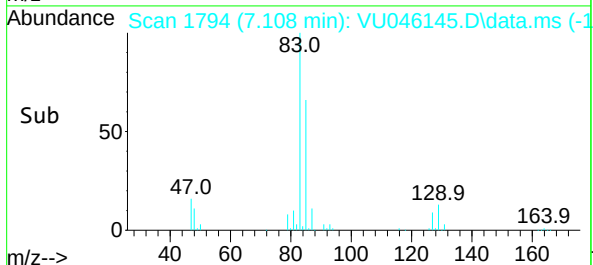
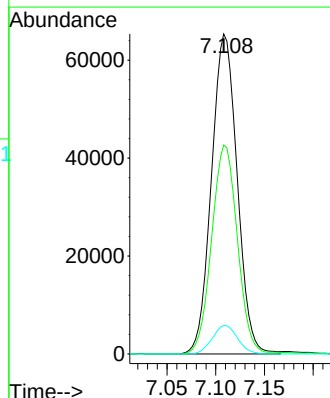
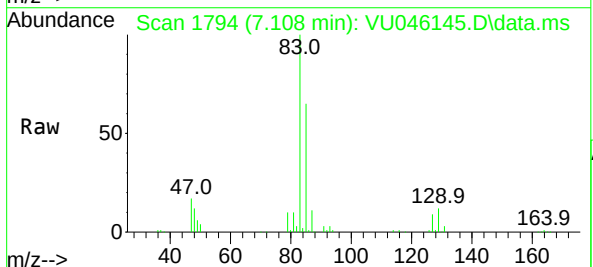
Tgt Ion: 83 Resp: 119952

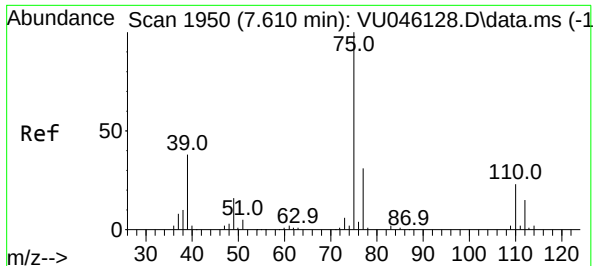
Ion Ratio Lower Upper

83 100

85 65.3 44.4 82.5

127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 54.168 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

Instrument :

MSVOA_U

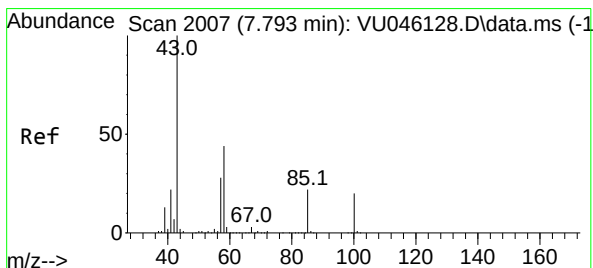
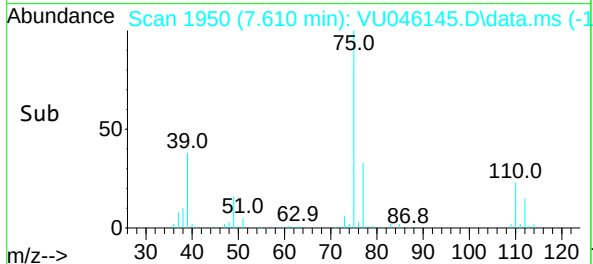
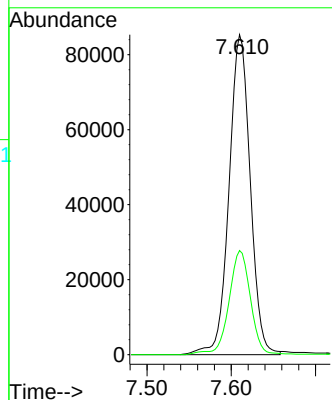
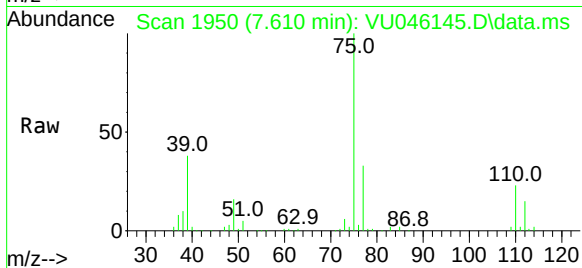
ClientSampleId :

Tgt Ion: 75 Resp: 149084

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 101.230 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

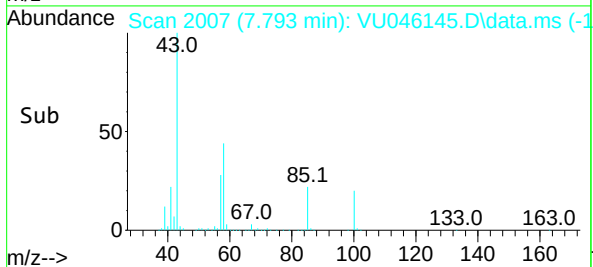
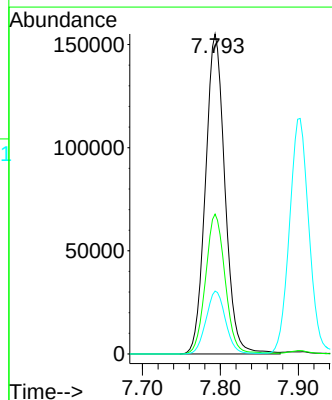
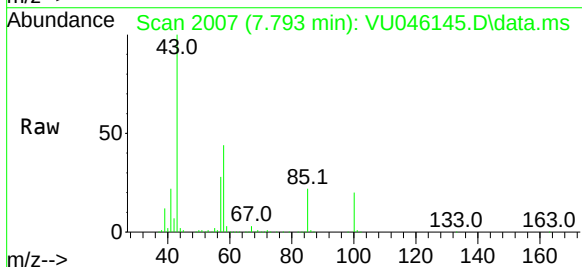
Tgt Ion: 43 Resp: 269081

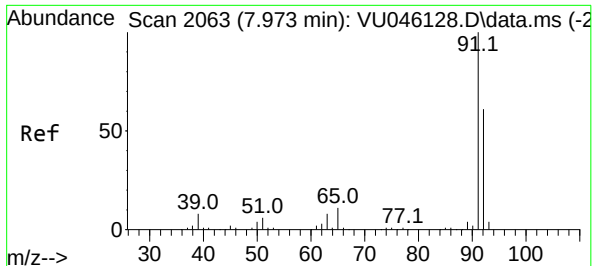
Ion Ratio Lower Upper

43 100

58 44.1 34.2 51.4

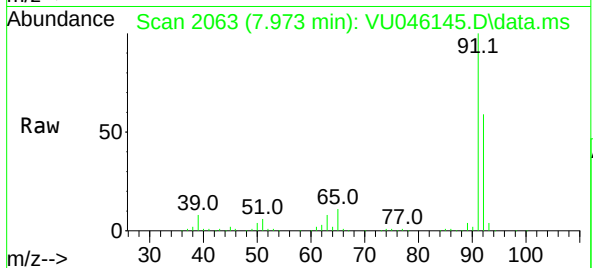
100 19.7 14.5 21.7



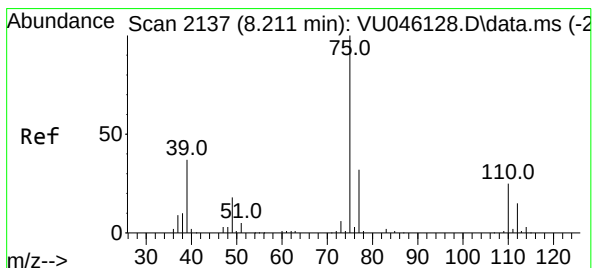
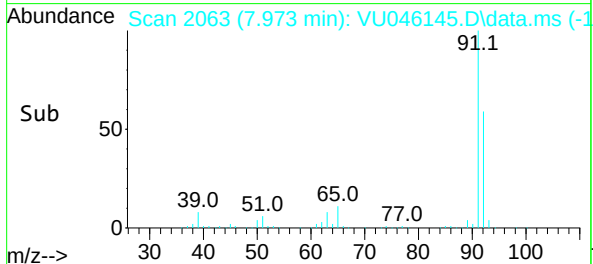
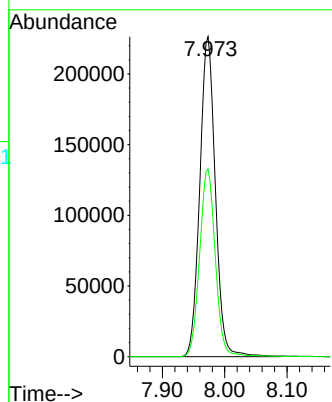


#42
Toluene
Concen: 53.031 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Instrument :
MSVOA_U
ClientSampleId :

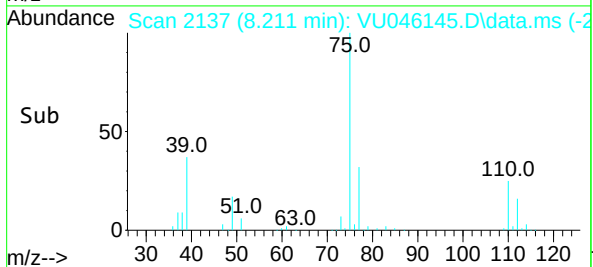
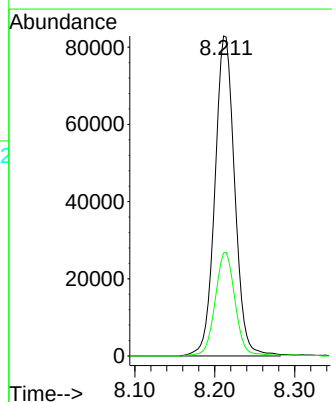
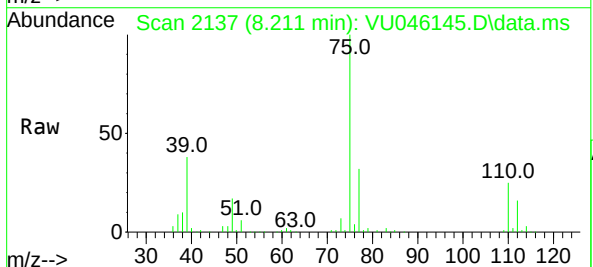


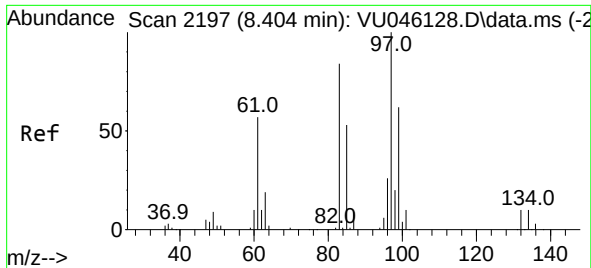
Tgt Ion: 91 Resp: 392995
Ion Ratio Lower Upper
91 100
92 58.7 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 52.696 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

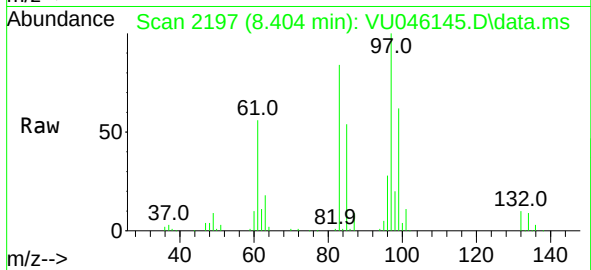
Tgt Ion: 75 Resp: 142448
Ion Ratio Lower Upper
75 100
77 32.2 21.7 40.3



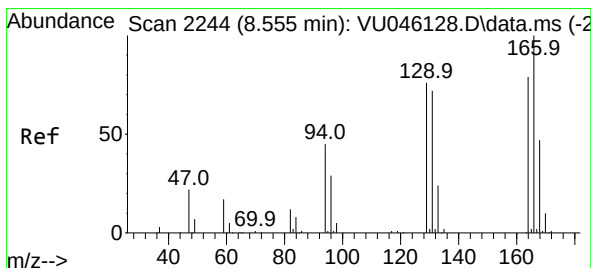
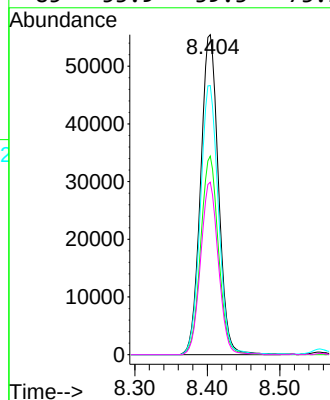
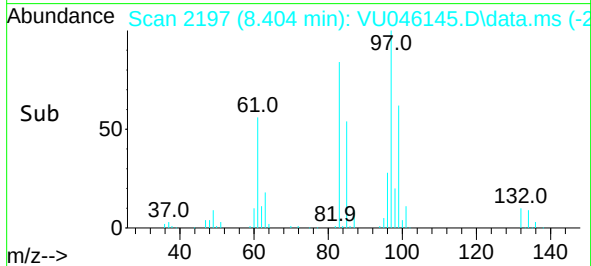


#45
1,1,2-Trichloroethane
Concen: 52.248 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

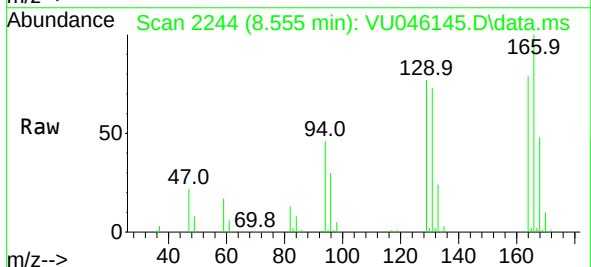
Instrument :
MSVOA_U
ClientSampleId :



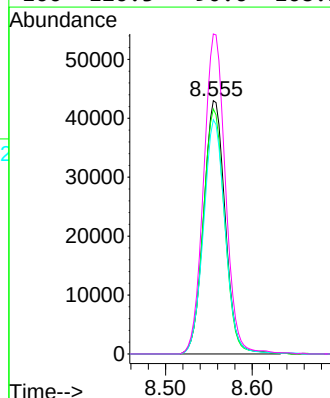
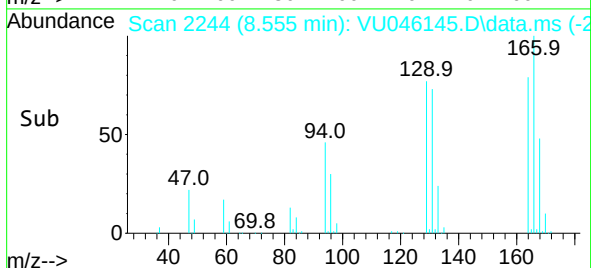
Tgt Ion:	97	Resp:	94833
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.7	82.9
83	84.1	60.2	111.8
85	53.9	39.3	73.1

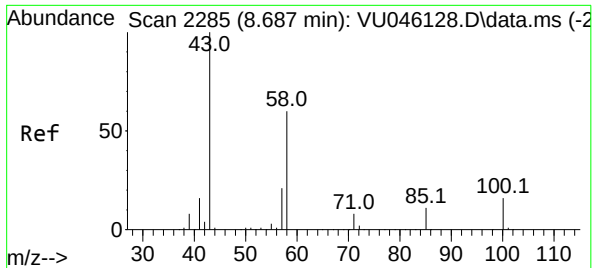


#46
Tetrachloroethene
Concen: 55.526 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38



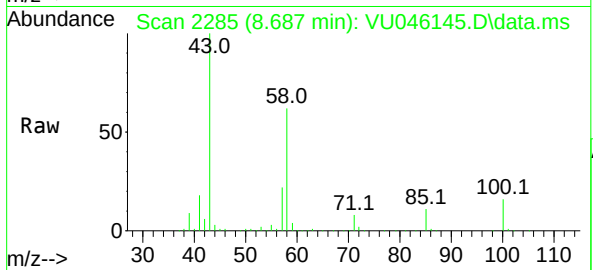
Tgt Ion:	164	Resp:	74241
Ion	Ratio	Lower	Upper
164	100		
129	96.7	71.1	132.1
131	92.4	67.8	126.0
166	126.3	90.6	168.2



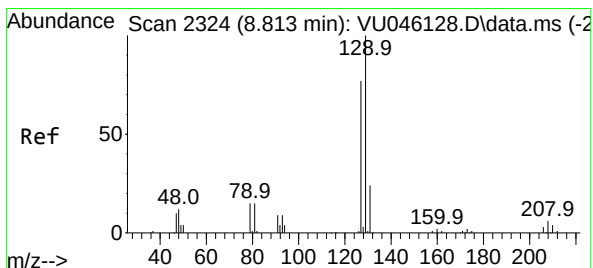
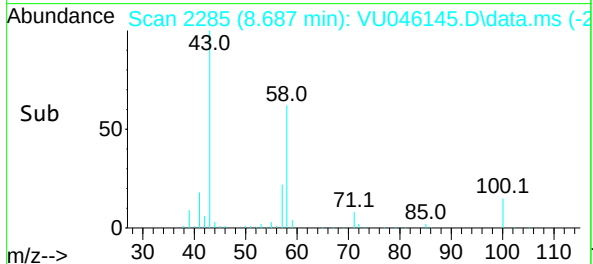
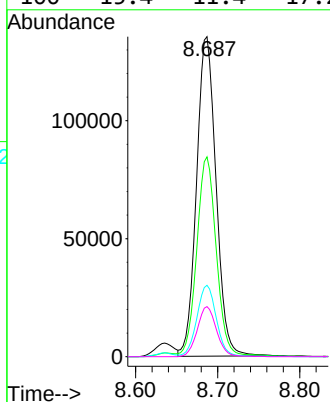


#48
2-Hexanone
Concen: 94.250 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Instrument :
MSVOA_U
ClientSampleId :

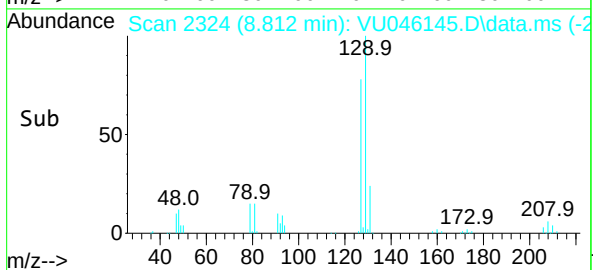
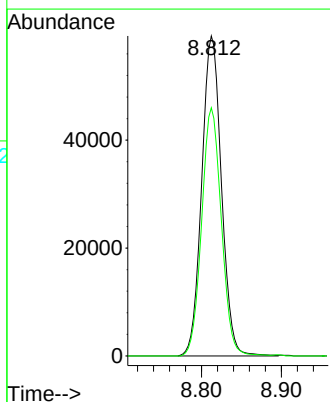
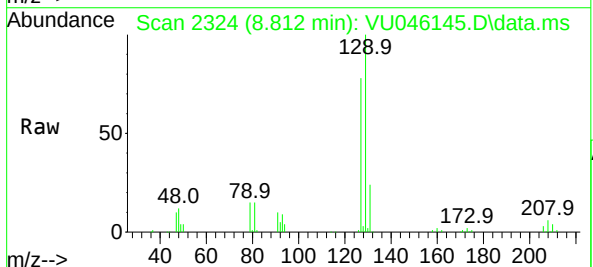


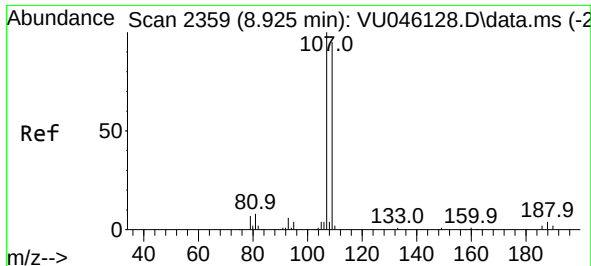
Tgt Ion:	43	Resp:	224051
Ion Ratio	100	Lower	Upper
58	62.6	47.4	71.2
57	22.1	16.6	25.0
100	15.4	11.4	17.2



#49
Dibromochloromethane
Concen: 53.438 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

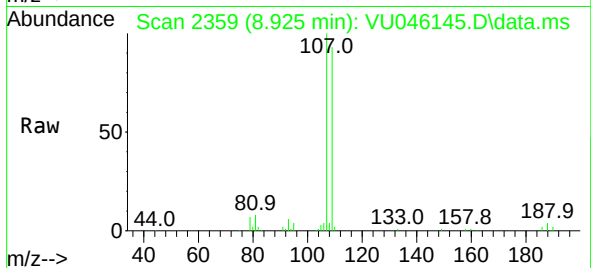
Tgt Ion:	129	Resp:	101854
Ion Ratio	100	Lower	Upper
127	77.5	55.6	103.4



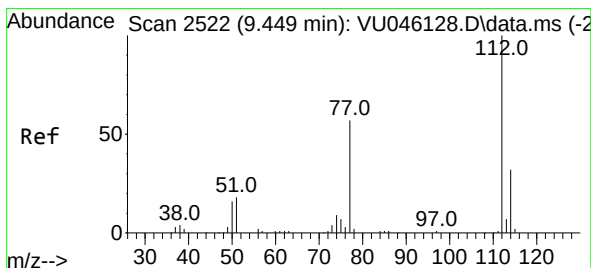
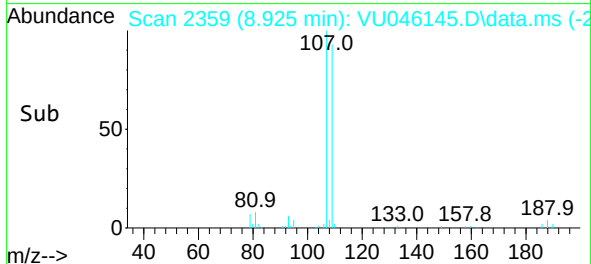
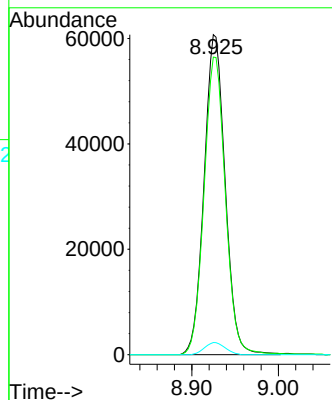


#50
1,2-Dibromoethane
Concen: 52.204 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Instrument :
MSVOA_U
ClientSampleId :

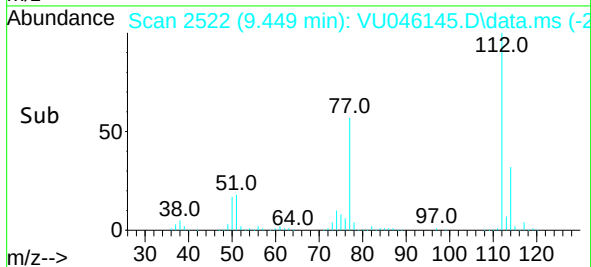
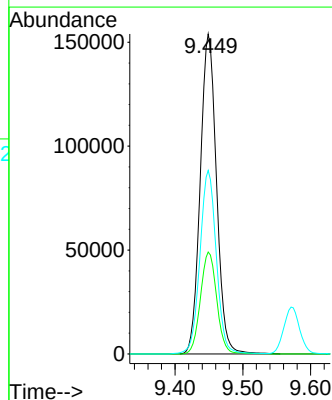
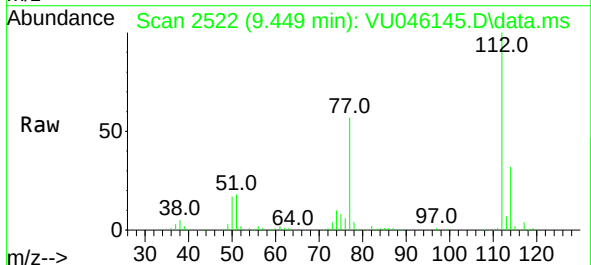


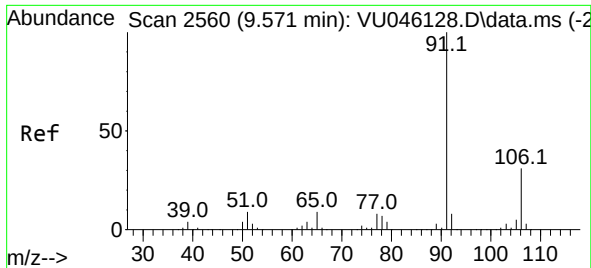
Tgt Ion:107 Resp: 102728
Ion Ratio Lower Upper
107 100
109 93.0 64.9 120.5
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 53.471 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Tgt Ion:112 Resp: 256358
Ion Ratio Lower Upper
112 100
114 31.8 22.2 41.2
77 57.3 47.4 71.0

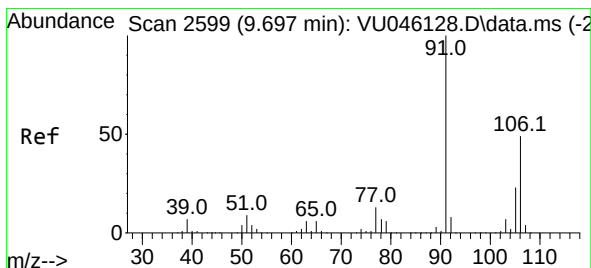
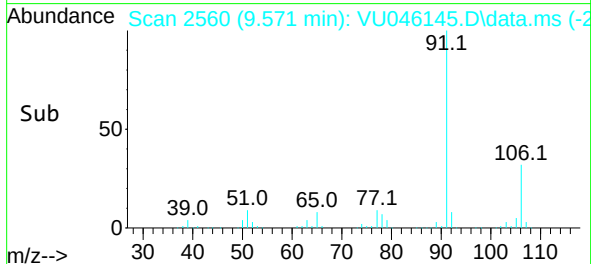
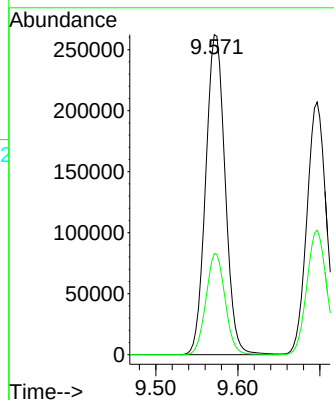
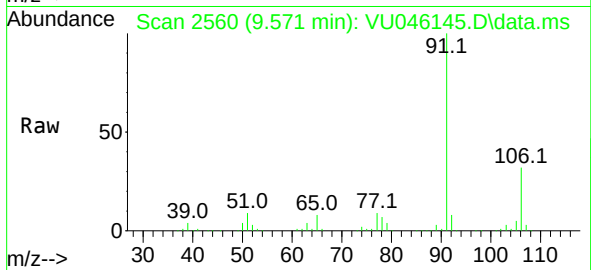




#52
Ethylbenzene
Concen: 54.230 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

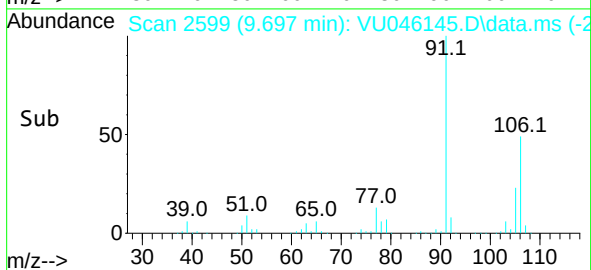
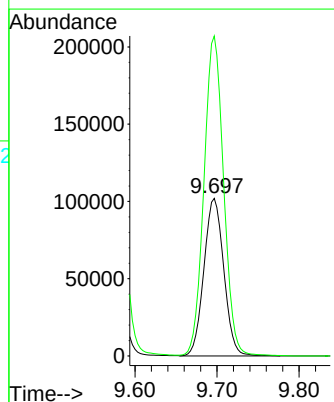
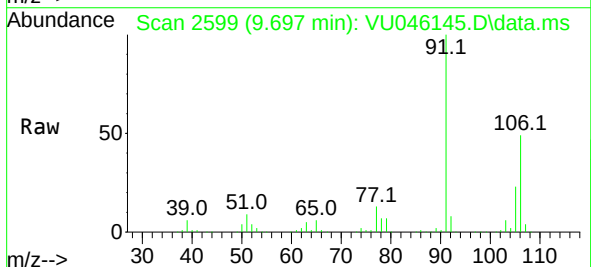
Instrument :
MSVOA_U
ClientSampleId :

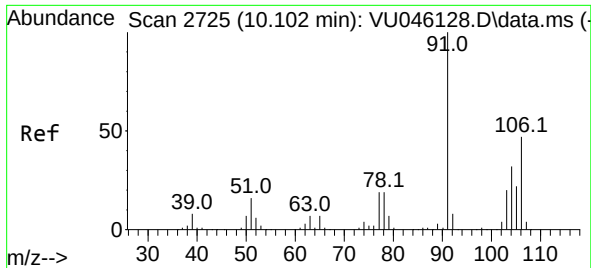
Tgt Ion: 91 Resp: 432510
Ion Ratio Lower Upper
91 100
106 31.6 21.1 39.3



#53
m,p-Xylene
Concen: 55.432 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Tgt Ion: 106 Resp: 172412
Ion Ratio Lower Upper
106 100
91 203.0 144.3 268.1

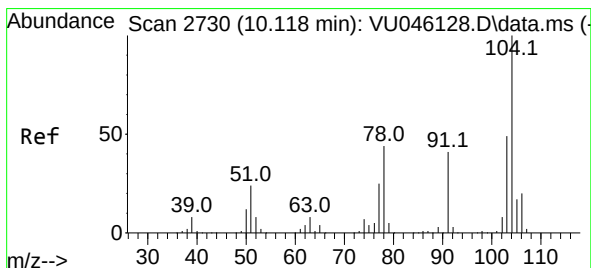
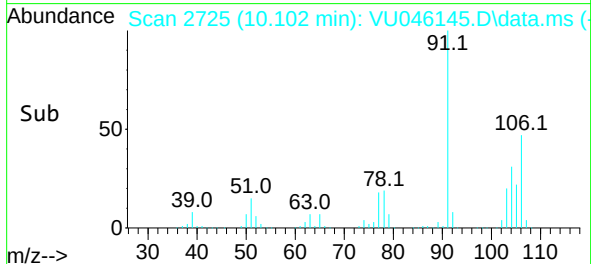
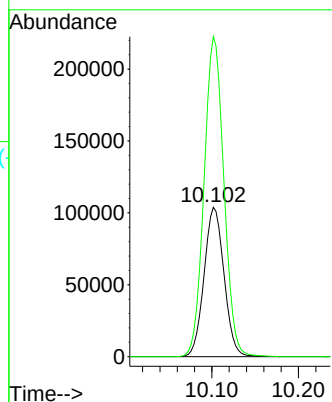
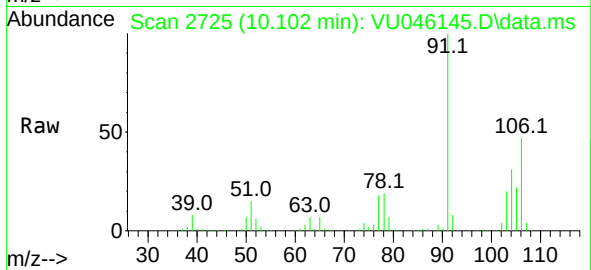




#54
o-xylene
Concen: 55.199 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

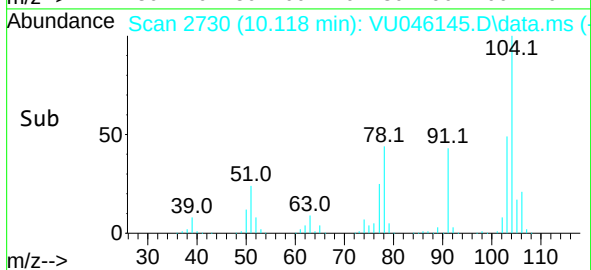
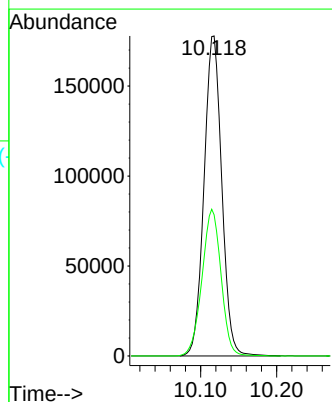
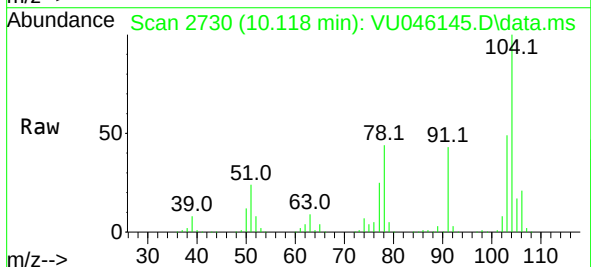
Instrument :
MSVOA_U
ClientSampleId :

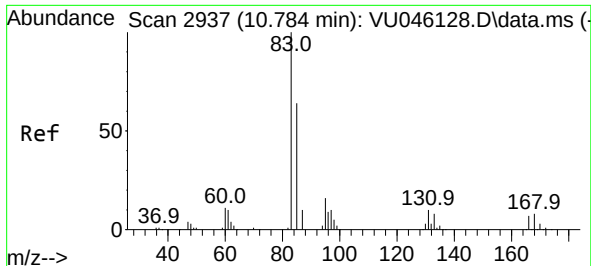
Tgt Ion:106 Resp: 166592
Ion Ratio Lower Upper
106 100
91 214.1 154.2 286.4



#55
Styrene
Concen: 56.034 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Tgt Ion:104 Resp: 288725
Ion Ratio Lower Upper
104 100
78 44.1 32.6 60.5

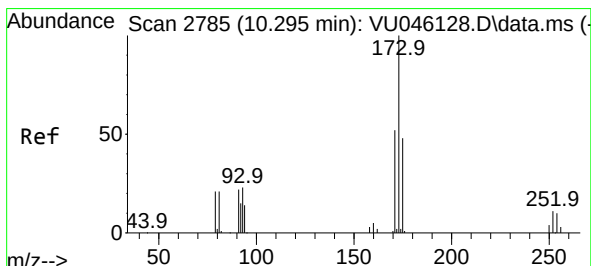
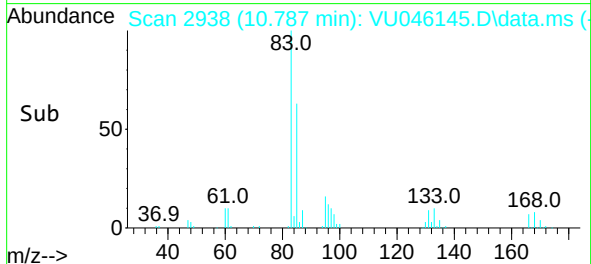
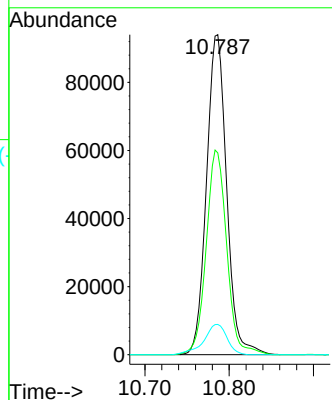
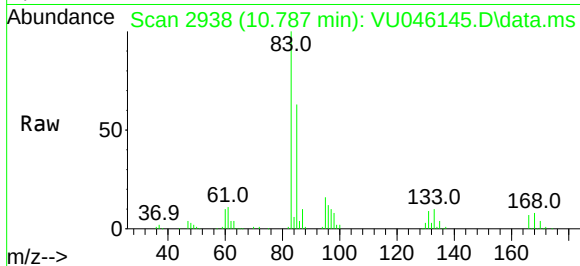




#57
1,1,2,2-Tetrachloroethane
Concen: 50.221 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

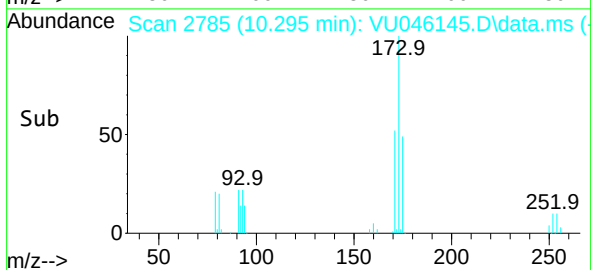
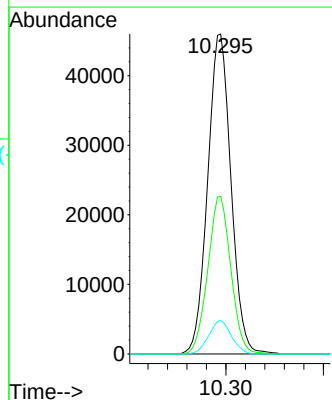
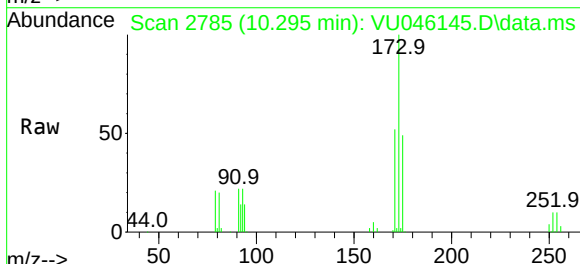
Instrument :
MSVOA_U
ClientSampleId :

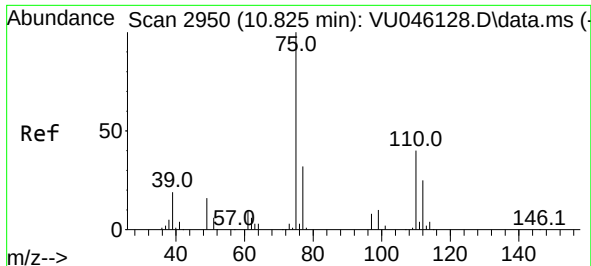
Tgt Ion: 83 Resp: 156280
Ion Ratio Lower Upper
83 100
85 63.1 45.6 84.6
131 9.4 7.8 11.6



#59
Bromoform
Concen: 51.660 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Tgt Ion:173 Resp: 76393
Ion Ratio Lower Upper
173 100
175 48.5 39.2 58.8
254 10.1 7.4 11.2

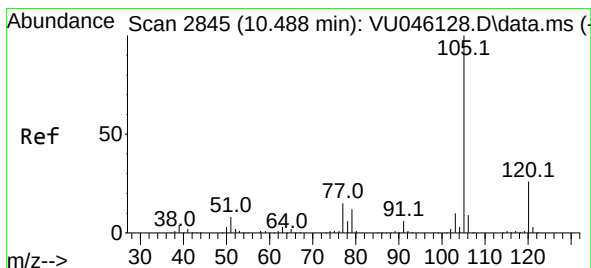
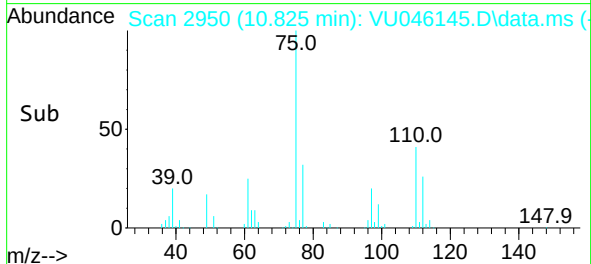
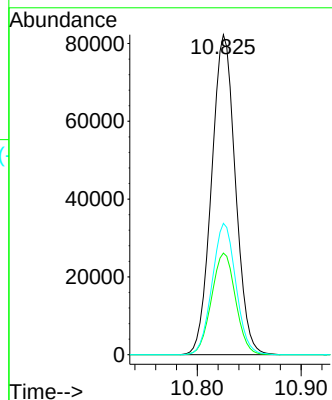
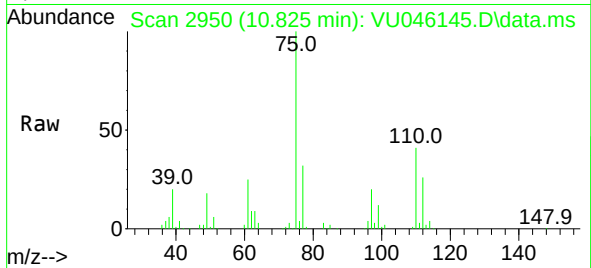




#60
1,2,3-Trichloropropane
Concen: 47.462 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

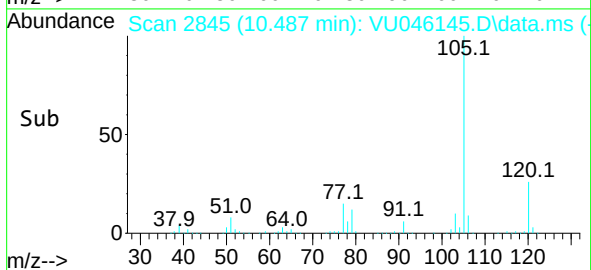
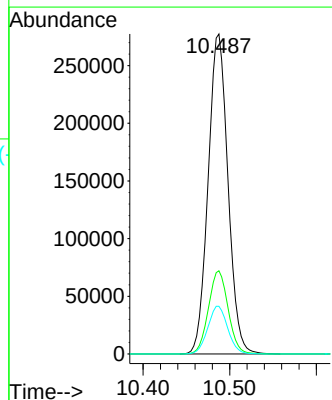
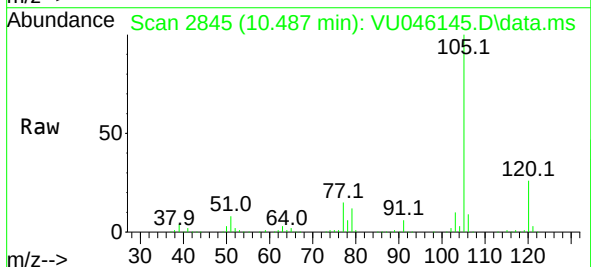
Instrument :
MSVOA_U
ClientSampleId :

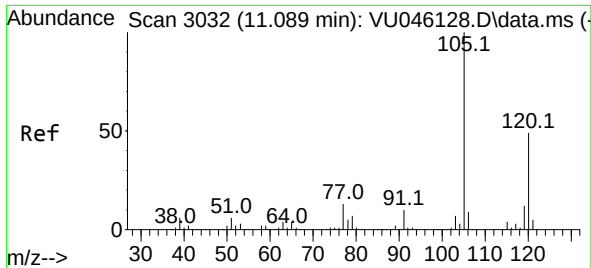
Tgt Ion: 75 Resp: 131150
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
110 40.8 32.4 48.6



#61
Isopropylbenzene
Concen: 53.816 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Tgt Ion: 105 Resp: 441380
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.0 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 55.327 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

Instrument :

MSVOA_U

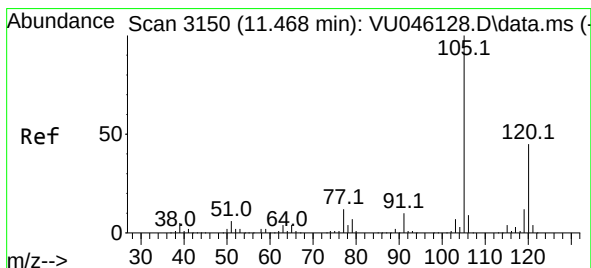
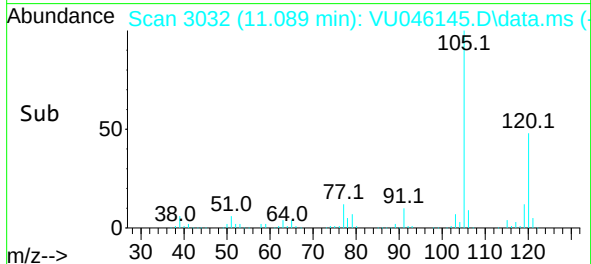
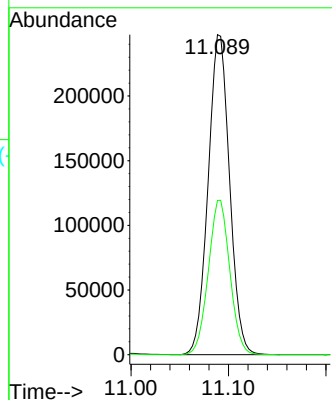
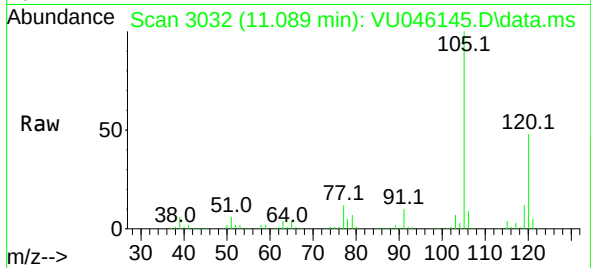
ClientSampleId :

Tgt Ion:105 Resp: 378223

Ion Ratio Lower Upper

105 100

120 48.4 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 55.962 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046145.D

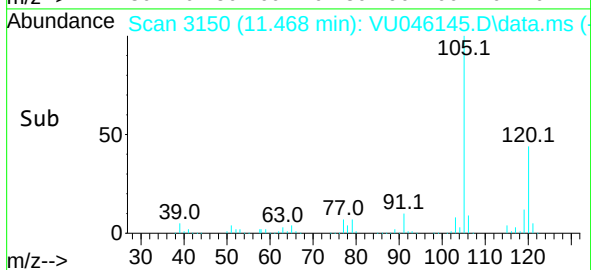
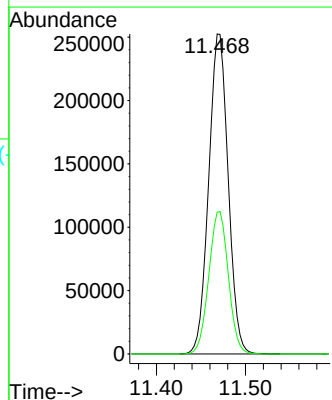
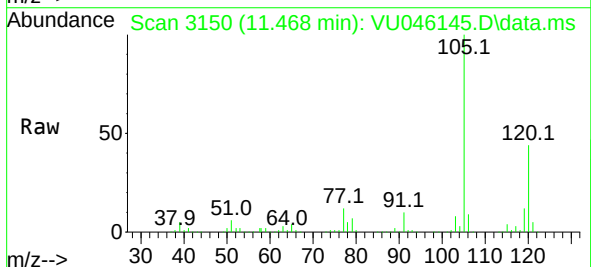
Acq: 07 Dec 2021 17:38

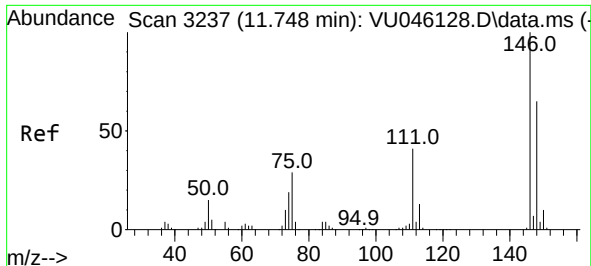
Tgt Ion:105 Resp: 382755

Ion Ratio Lower Upper

105 100

120 44.7 35.2 52.8

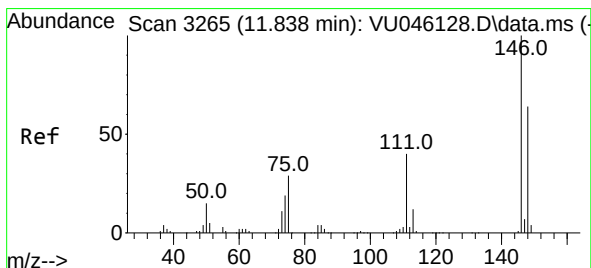
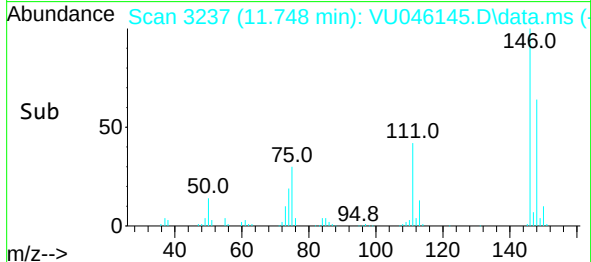
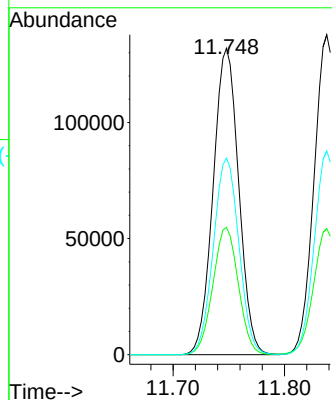
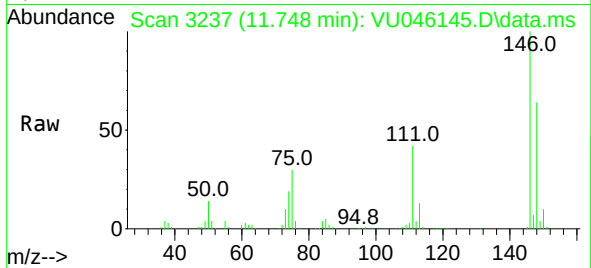




#64
1,3-Dichlorobenzene
Concen: 53.988 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

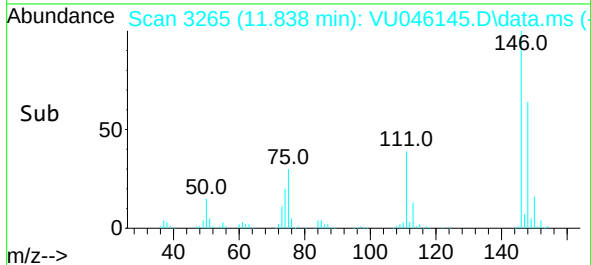
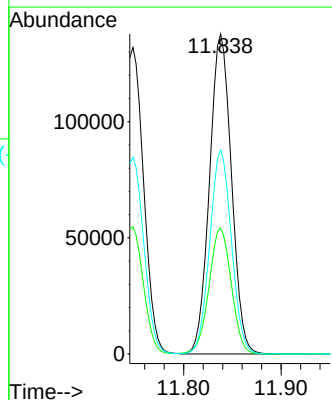
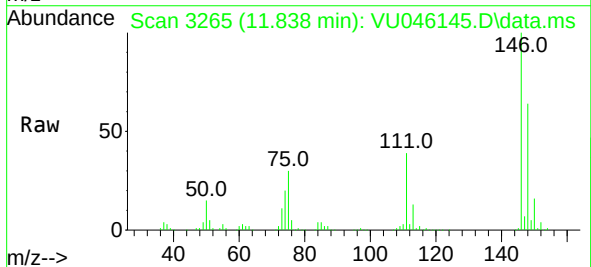
Instrument :
MSVOA_U
ClientSampleId :

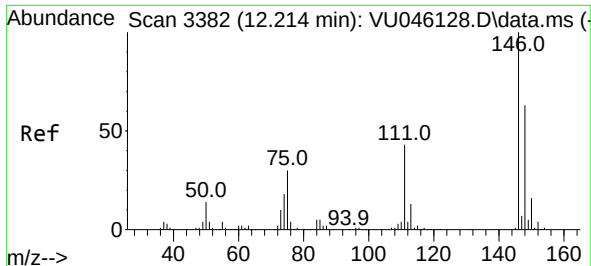
Tgt Ion:146 Resp: 210332
Ion Ratio Lower Upper
146 100
111 41.6 29.5 54.9
148 64.2 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 53.526 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046145.D
Acq: 07 Dec 2021 17:38

Tgt Ion:146 Resp: 215518
Ion Ratio Lower Upper
146 100
111 39.4 28.3 52.7
148 63.7 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 52.391 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

Instrument :

MSVOA_U

ClientSampleId :

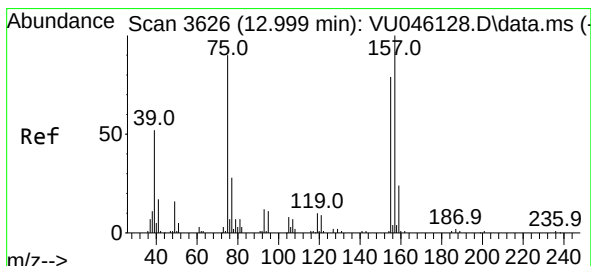
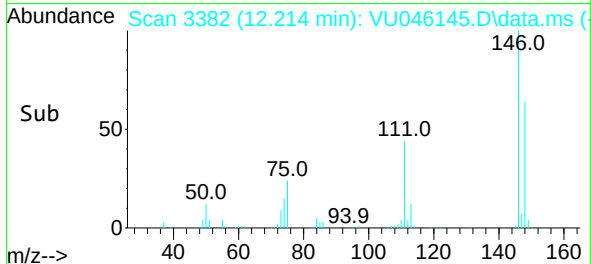
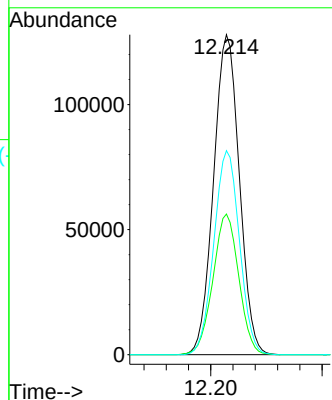
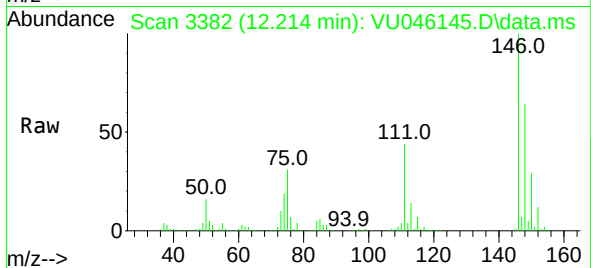
Tgt Ion:146 Resp: 205544

Ion Ratio Lower Upper

146 100

111 44.0 35.7 53.5

148 63.8 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 51.843 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

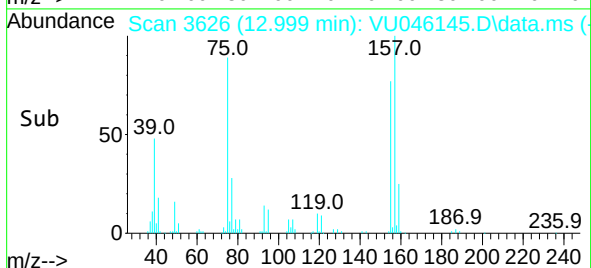
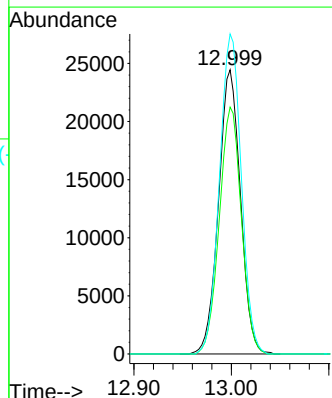
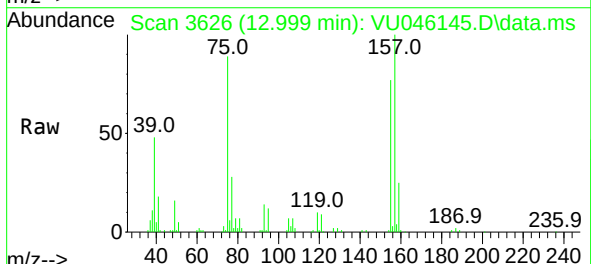
Tgt Ion: 75 Resp: 38163

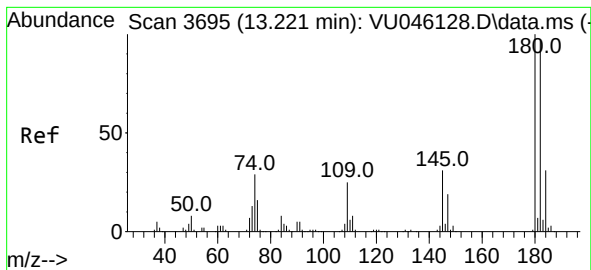
Ion Ratio Lower Upper

75 100

155 86.8 64.9 97.3

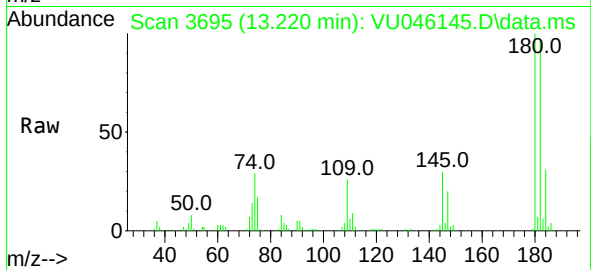
157 112.6 81.9 122.9



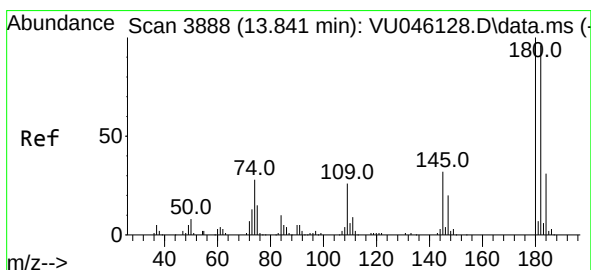
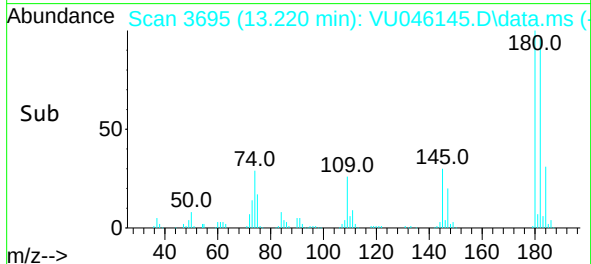
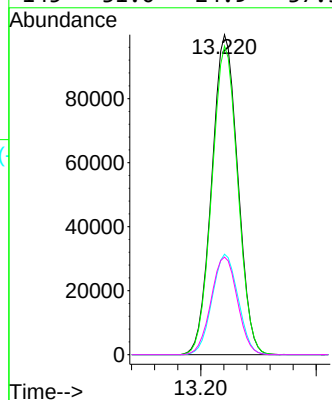


#69
 1,3,5-Trichlorobenzene
 Concen: 54.964 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046145.D
 Acq: 07 Dec 2021 17:38

Instrument :
 MSVOA_U
 ClientSampleId :

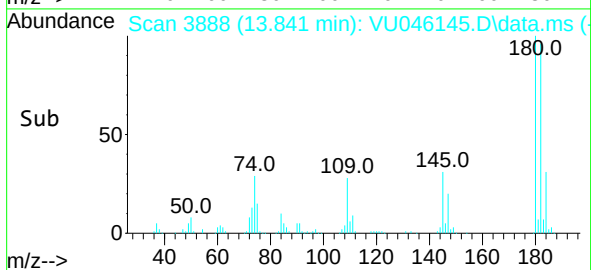
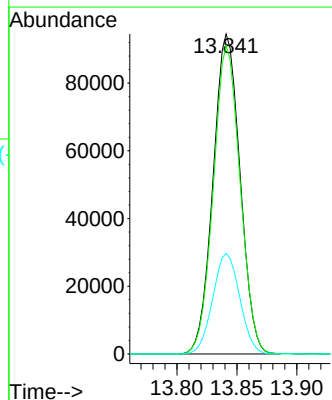
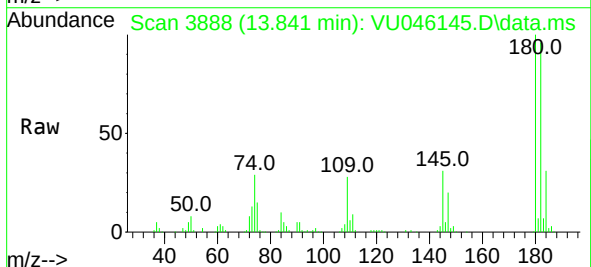


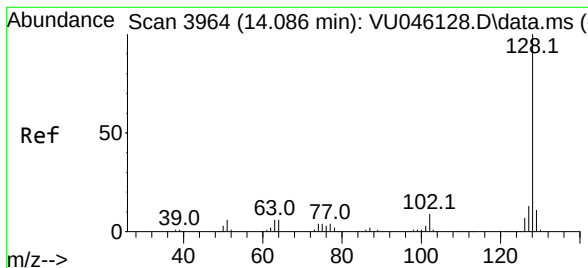
Tgt Ion:180 Resp: 156025
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.9 113.9
 184 31.3 24.2 36.4
 145 31.0 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 58.572 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046145.D
 Acq: 07 Dec 2021 17:38

Tgt Ion:180 Resp: 147545
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.7 115.1
 145 31.5 26.0 39.0





#71

Naphthalene

Concen: 60.384 ug/L

RT: 14.089 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

Instrument :

MSVOA_U

ClientSampleId :

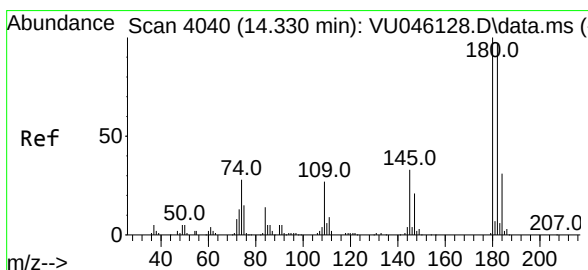
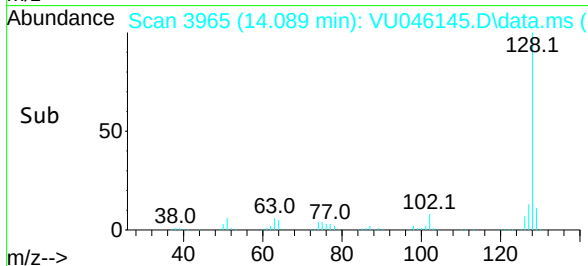
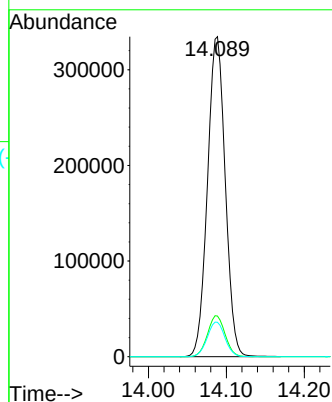
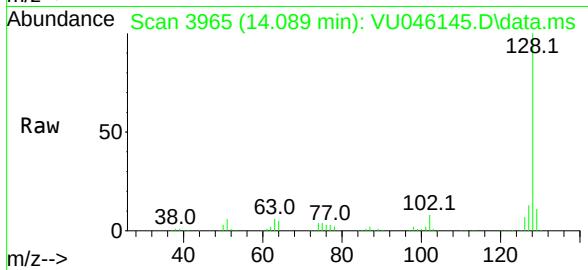
Tgt Ion:128 Resp: 529318

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 56.558 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU046145.D

Acq: 07 Dec 2021 17:38

Tgt Ion:180 Resp: 145283

Ion Ratio Lower Upper

180 100

182 97.7 76.0 114.0

145 33.2 27.3 40.9

