

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011022\
 Data File : VU046719.D
 Acq On : 10 Jan 2022 17:01
 Operator : SY/MD
 Sample : VSTDCCC50EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050159

Quant Time: Jan 11 01:20:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 23:26:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	169556	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	164366	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90940	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	67056	45.321	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.640%
7) Chloroethane-d5	1.919	69	51204	46.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.160%
11) 1,1-Dichloroethene-d2	2.575	63	119426	47.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.920%
21) 2-Butanone-d5	4.649	46	101677	93.893	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.890%
24) Chloroform-d	5.067	84	123070	47.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	5.706	65	76787	46.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
32) Benzene-d6	5.732	84	243209	47.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.820%
36) 1,2-Dichloropropane-d6	6.694	67	71268	45.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.080%
41) Toluene-d8	7.899	98	227201	49.546	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.100%
43) trans-1,3-Dichloroprop...	8.182	79	37129	49.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.480%
47) 2-Hexanone-d5	8.639	63	87228	104.909	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.910%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	114955	47.425	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	92434	49.121	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	79743	51.052	ug/L	100
3) Chloromethane	1.523	50	69549	50.033	ug/L	99
5) Vinyl chloride	1.607	62	73048	50.701	ug/L	99
6) Bromomethane	1.864	94	46645	51.106	ug/L	100
8) Chloroethane	1.941	64	45626	52.321	ug/L	97
9) Trichlorofluoromethane	2.144	101	112059	52.842	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	64250	53.871	ug/L	99
12) 1,1-Dichloroethene	2.588	96	57608	51.297	ug/L	94
13) Acetone	2.671	43	102600	99.556	ug/L	99
14) Carbon disulfide	2.800	76	149583	44.808	ug/L	100
15) Methyl Acetate	2.964	43	71445	54.277	ug/L	98
16) Methylene chloride	3.051	84	67560	48.837	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	61595	52.461	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	205612	58.941	ug/L	100
19) 1,1-Dichloroethane	3.877	63	112198	52.396	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	69527	55.253	ug/L	98
22) 2-Butanone	4.729	43	129764	110.449	ug/L	98
23) Bromochloromethane	4.980	128	36368	54.068	ug/L	95
25) Chloroform	5.092	83	125622	53.709	ug/L	99

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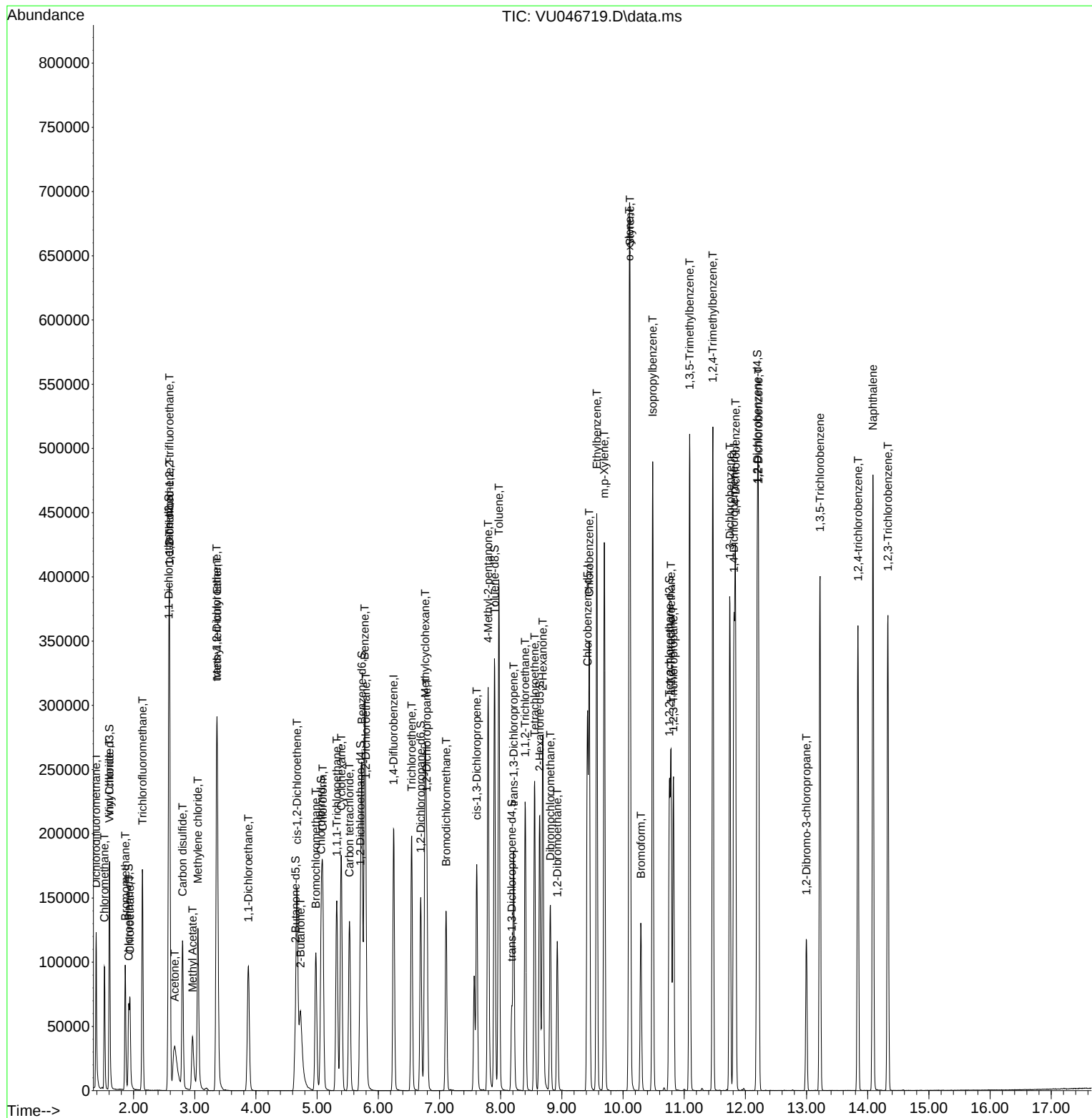
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	97031	53.996	ug/L	99
29) Cyclohexane	5.395	56	92590	52.993	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	111332	55.371	ug/L	98
31) Carbon tetrachloride	5.530	117	93234	53.531	ug/L	99
33) Benzene	5.777	78	265785	54.364	ug/L	100
34) Trichloroethene	6.546	95	68352	53.302	ug/L	100
35) Methylcyclohexane	6.767	83	108218	54.343	ug/L	99
37) 1,2-Dichloropropane	6.793	63	66217	52.931	ug/L	99
38) Bromodichloromethane	7.108	83	93124	54.128	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	106893	55.528	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	197938	115.737	ug/L	98
42) Toluene	7.970	91	291842	56.601	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	107568	57.597	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	71008	55.552	ug/L	98
46) Tetrachloroethene	8.555	164	55063	56.595	ug/L	95
48) 2-Hexanone	8.687	43	169528	116.949	ug/L	98
49) Dibromochloromethane	8.812	129	76142	54.238	ug/L	100
50) 1,2-Dibromoethane	8.925	107	75542	56.697	ug/L	97
51) Chlorobenzene	9.449	112	187584	55.971	ug/L	98
52) Ethylbenzene	9.571	91	316529	57.865	ug/L	100
53) m,p-Xylene	9.693	106	125943	59.614	ug/L	99
54) o-xylene	10.102	106	121385	60.086	ug/L	99
55) Styrene	10.115	104	214545	60.687	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	124393	55.643	ug/L	98
59) Bromoform	10.291	173	60167	54.445	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	102357	53.488	ug/L	98
61) Isopropylbenzene	10.484	105	325836	58.656	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	278835	59.712	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	281373	60.474	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	159879	57.421	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	161113	55.533	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	158495	56.636	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	30453	53.160	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	123019	57.686	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	111242	61.023	ug/L	99
71) Naphthalene	14.086	128	376887	63.568	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	111710	60.644	ug/L	98

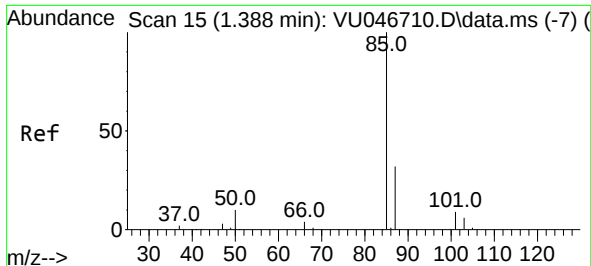
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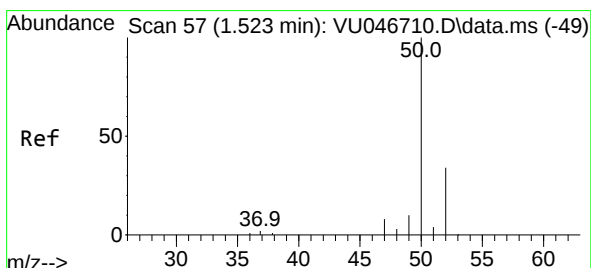
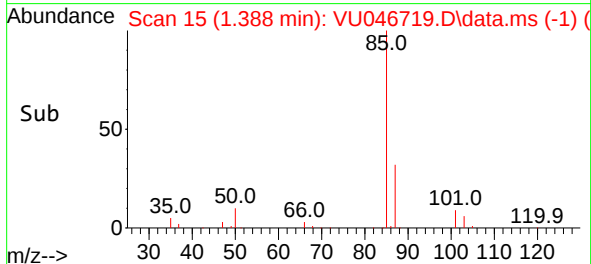
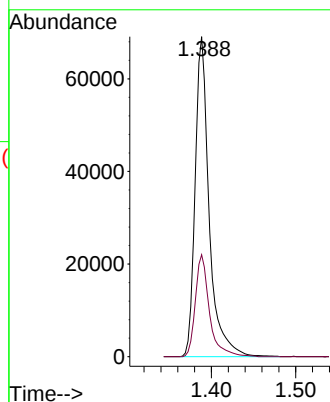
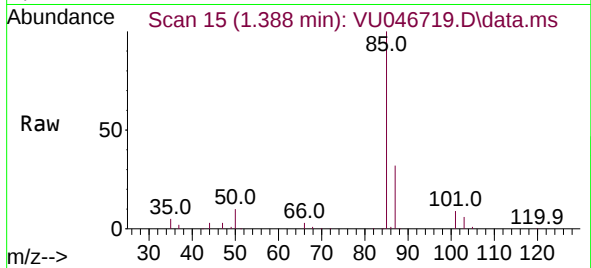




#2
Dichlorodifluoromethane
Concen: 51.052 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

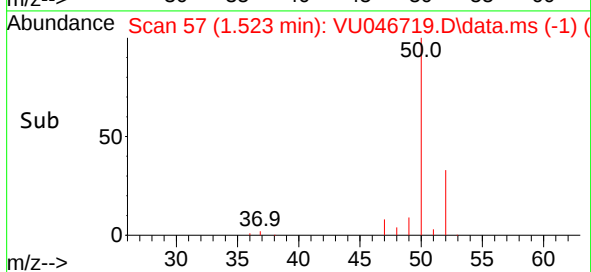
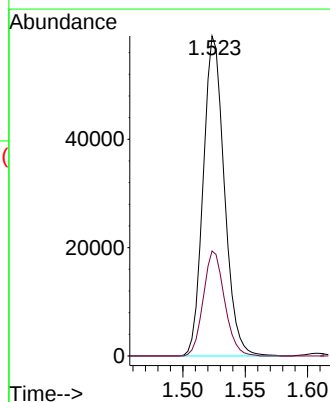
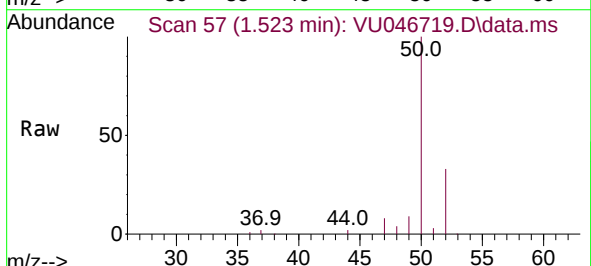
Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

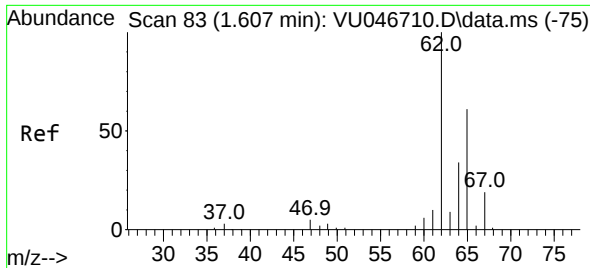
Tgt Ion: 85 Resp: 79743
Ion Ratio Lower Upper
85 100
87 32.1 25.6 38.4



#3
Chloromethane
Concen: 50.033 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion: 50 Resp: 69549
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

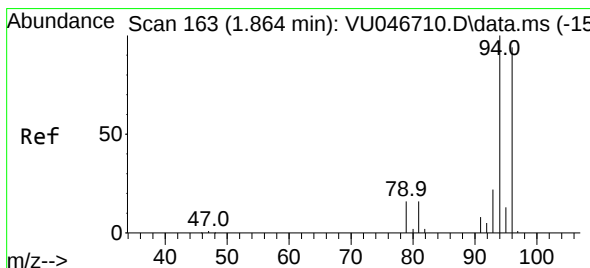
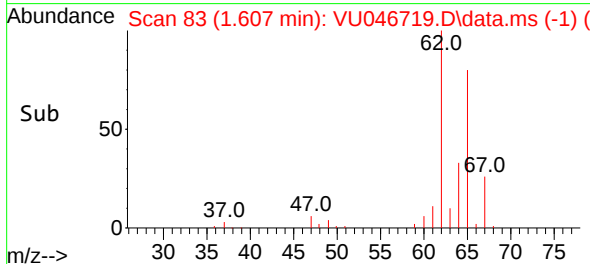
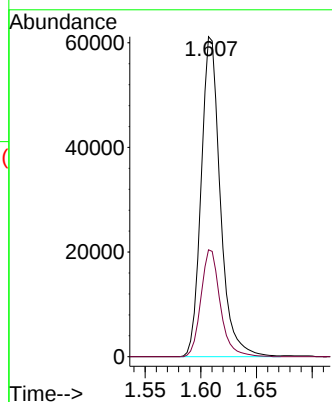
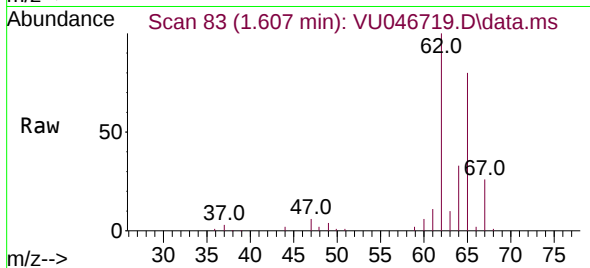




#5
 Vinyl chloride
 Concen: 50.701 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046719.D
 Acq: 10 Jan 2022 17:01

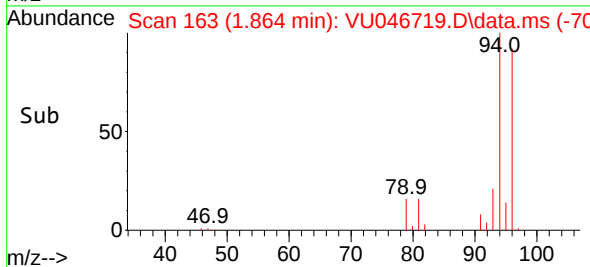
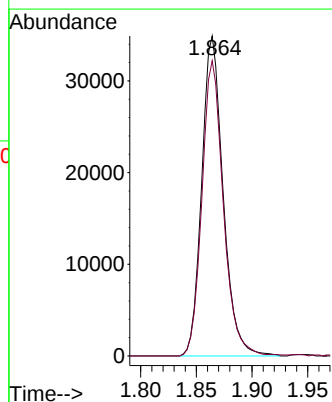
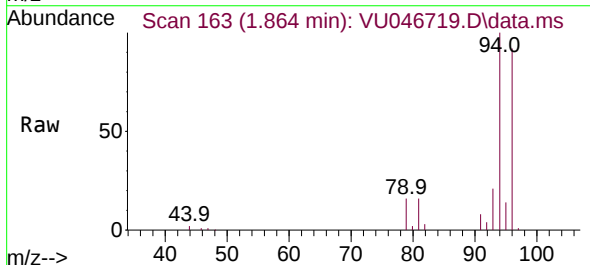
Instrument :
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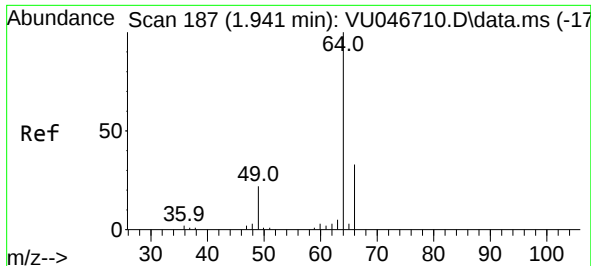
Tgt Ion: 62 Resp: 73048
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.1 42.9



#6
 Bromomethane
 Concen: 51.106 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046719.D
 Acq: 10 Jan 2022 17:01

Tgt Ion: 94 Resp: 46645
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.4 119.6

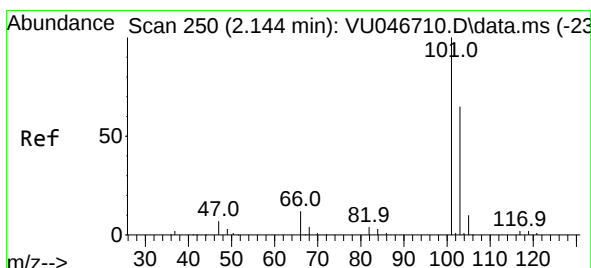
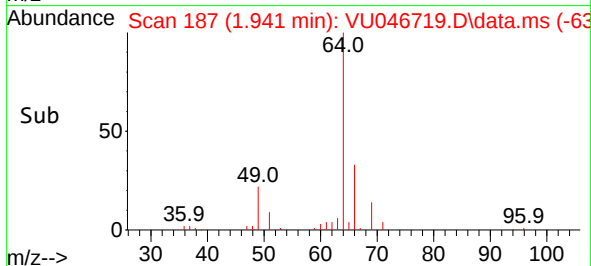
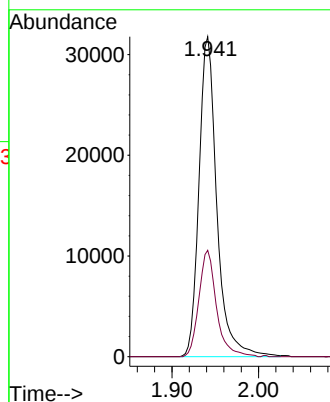
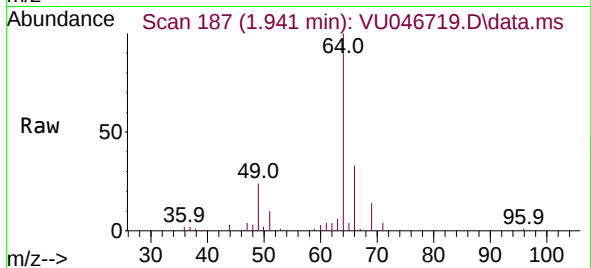




#8
Chloroethane
Concen: 52.321 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

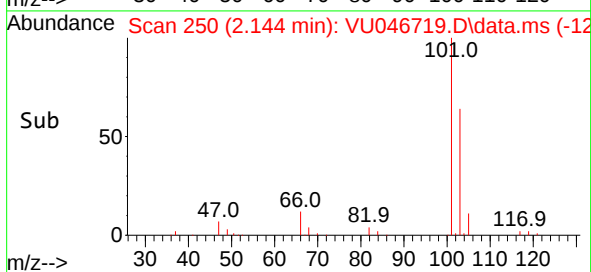
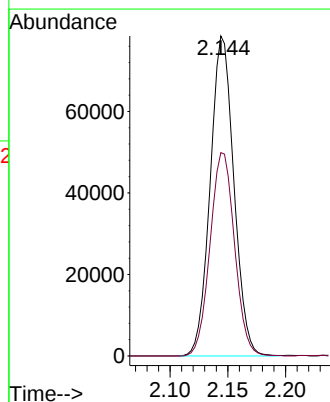
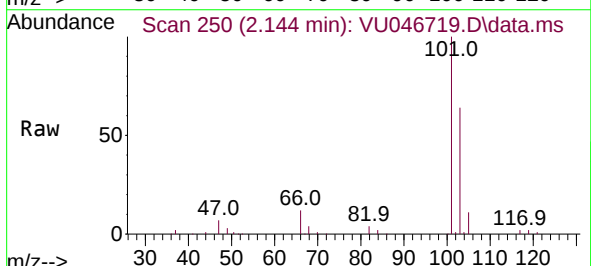
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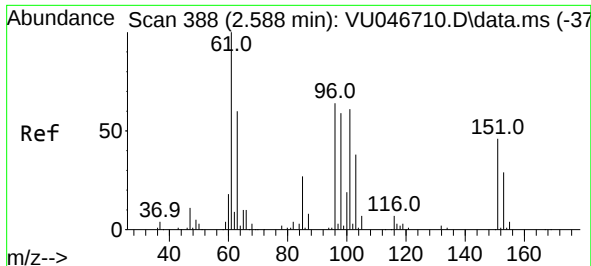
Tgt Ion: 64 Resp: 45626
Ion Ratio Lower Upper
64 100
66 33.2 24.4 45.2



#9
Trichlorofluoromethane
Concen: 52.842 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion:101 Resp: 112059
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0

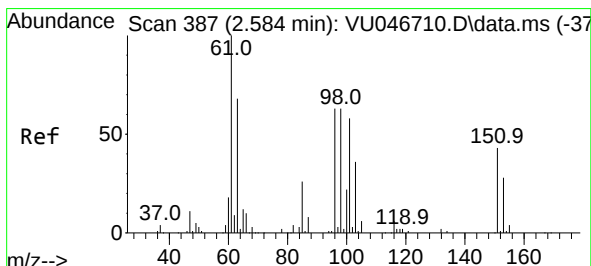
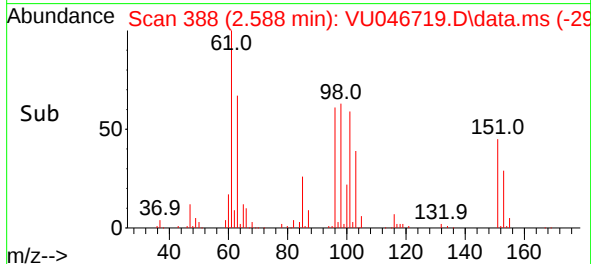
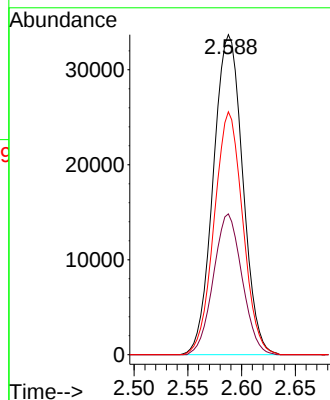
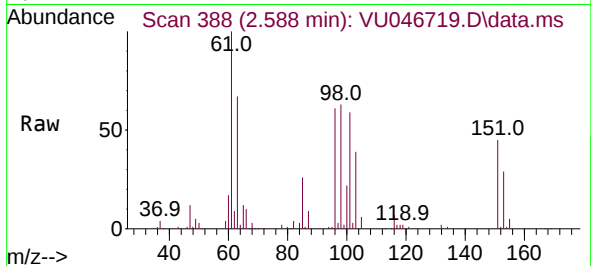




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.871 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

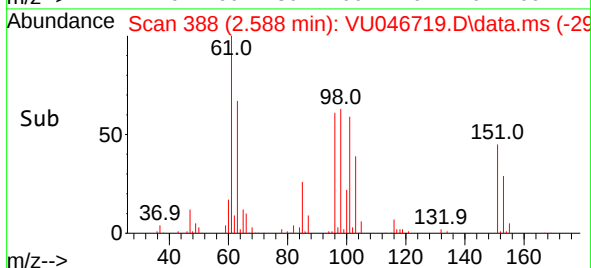
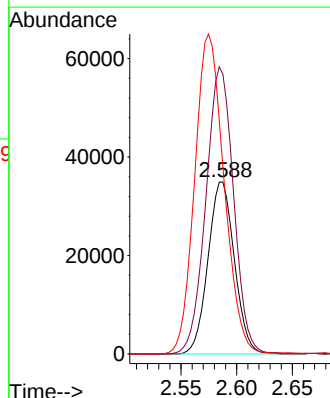
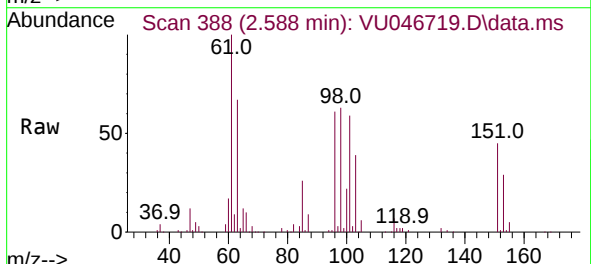
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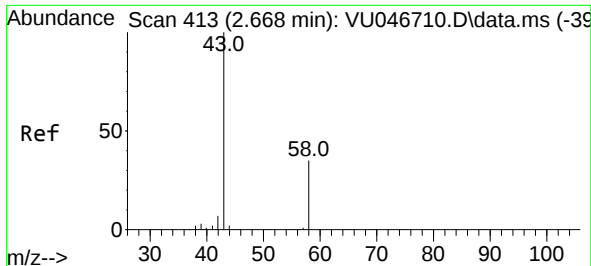
Tgt Ion:101 Resp: 64250
Ion Ratio Lower Upper
101 100
85 42.8 34.9 52.3
151 73.8 58.3 87.5



#12
1,1-Dichloroethene
Concen: 51.297 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion: 96 Resp: 57608
Ion Ratio Lower Upper
96 100
61 162.8 114.9 213.3
63 108.7 86.0 159.8





#13

Acetone

Concen: 99.556 ug/L

RT: 2.671 min Scan# 413

Delta R.T. -0.003 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

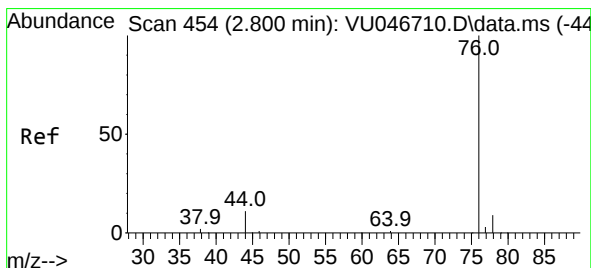
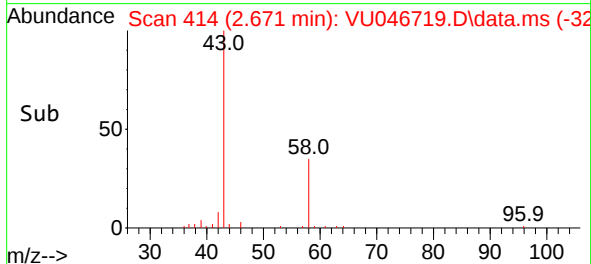
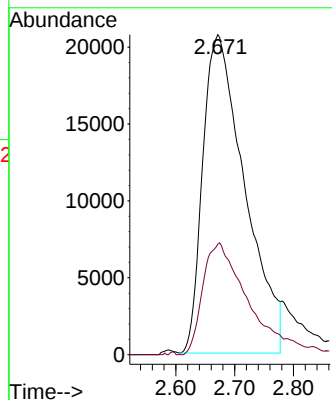
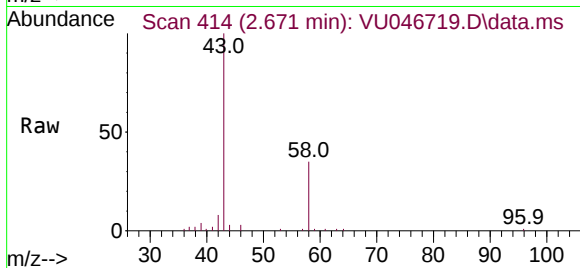
VSTD050159

Tgt Ion: 43 Resp: 102600

Ion Ratio Lower Upper

43 100

58 36.1 0.0 71.0



#14

Carbon disulfide

Concen: 44.808 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

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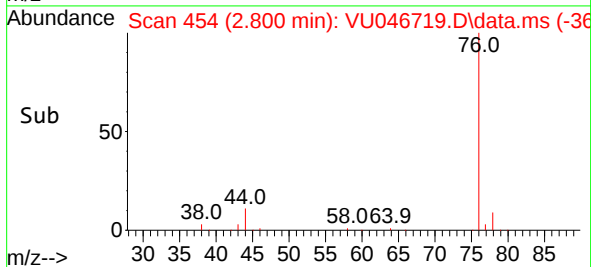
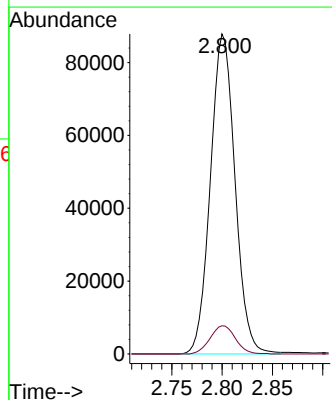
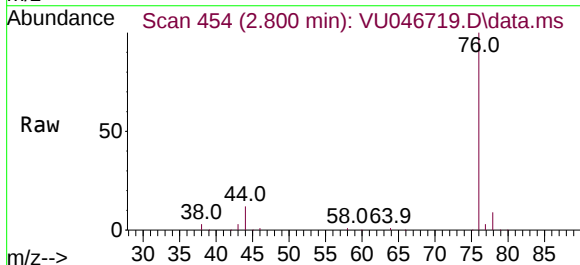
Acq: 10 Jan 2022 17:01

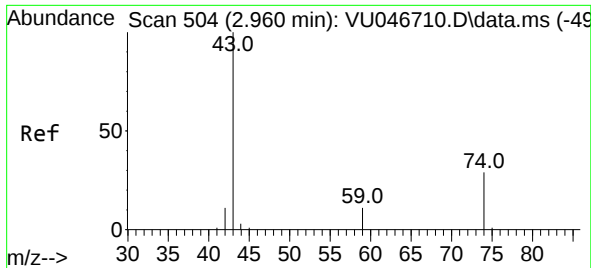
Tgt Ion: 76 Resp: 149583

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

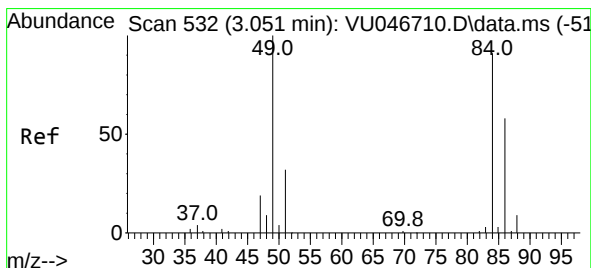
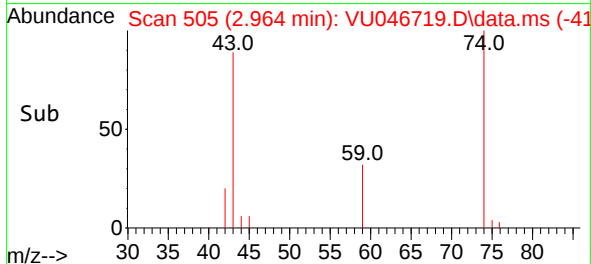
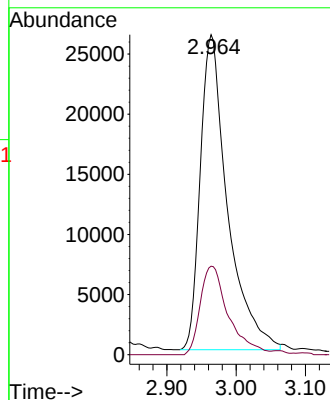
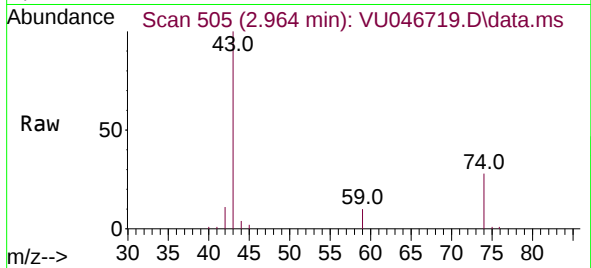




#15
Methyl Acetate
Concen: 54.277 ug/L
RT: 2.964 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

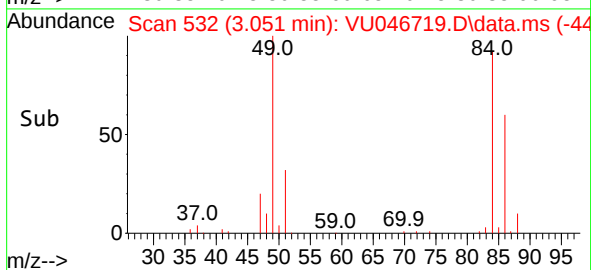
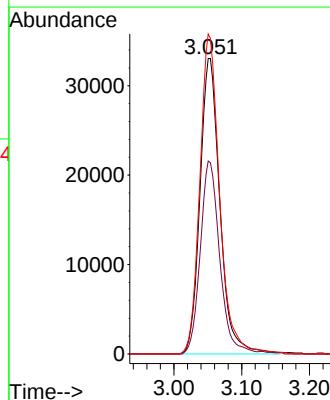
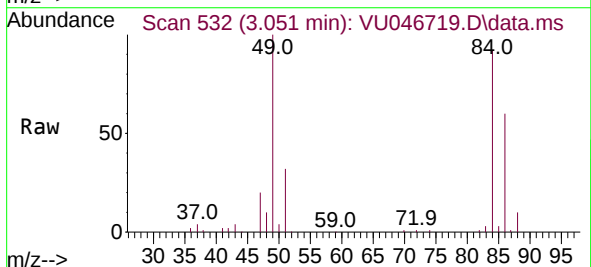
Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

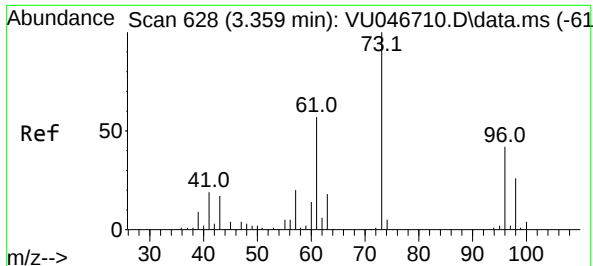
Tgt Ion: 43 Resp: 71445
Ion Ratio Lower Upper
43 100
74 29.1 22.3 33.5



#16
Methylene chloride
Concen: 48.837 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion: 84 Resp: 67560
Ion Ratio Lower Upper
84 100
86 65.3 44.7 82.9
49 108.3 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 52.461 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD050159

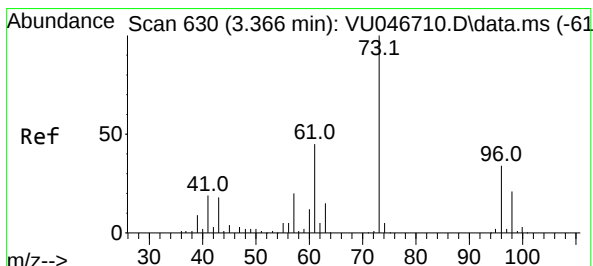
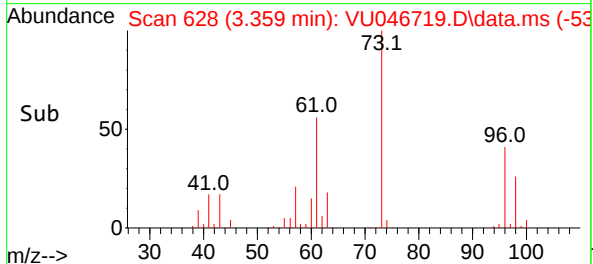
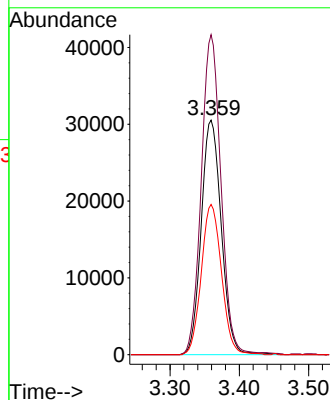
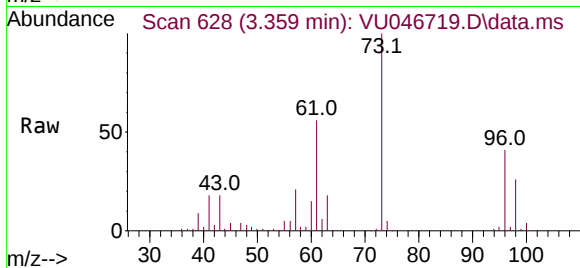
Tgt Ion: 96 Resp: 61595

Ion Ratio Lower Upper

96 100

61 136.4 92.5 171.9

98 64.1 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 58.941 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.003 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

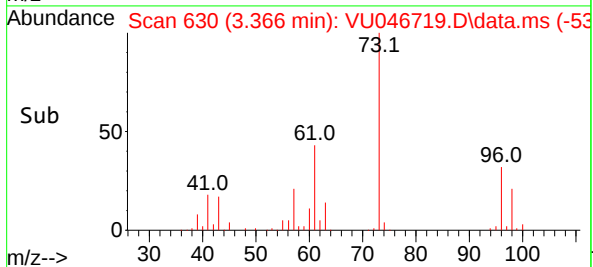
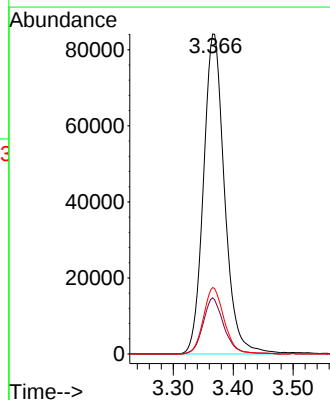
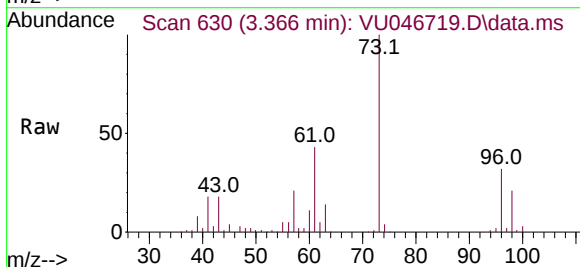
Tgt Ion: 73 Resp: 205612

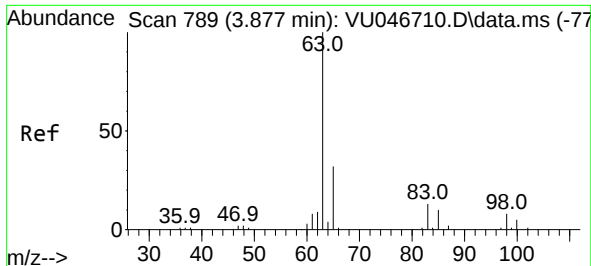
Ion Ratio Lower Upper

73 100

43 17.3 14.1 21.1

57 20.5 16.4 24.6





#19

1,1-Dichloroethane

Concen: 52.396 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD050159

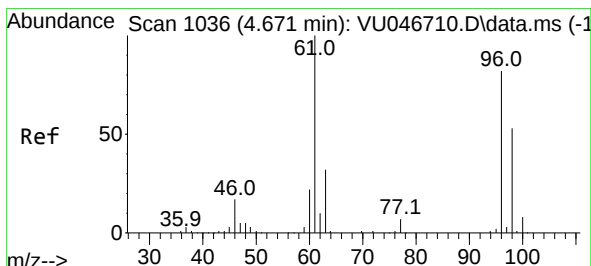
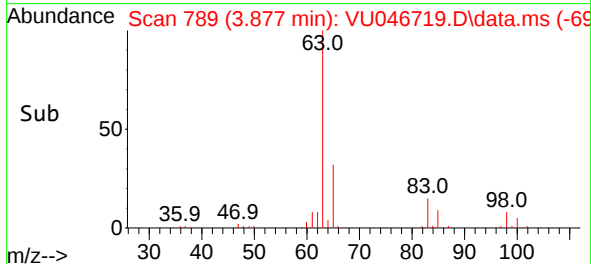
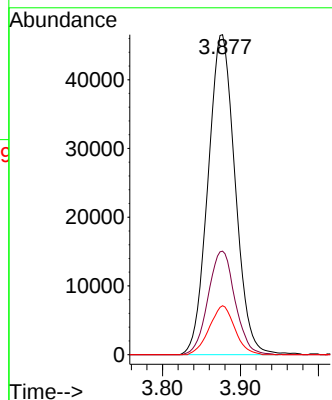
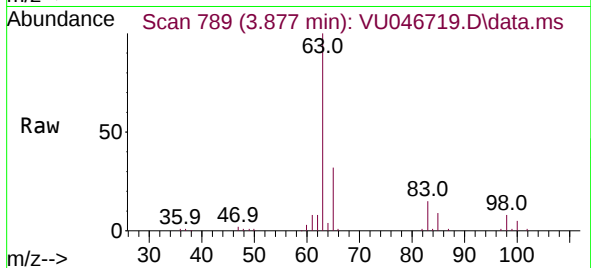
Tgt Ion: 63 Resp: 112198

Ion Ratio Lower Upper

63 100

65 32.4 22.8 42.4

83 15.3 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 55.253 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

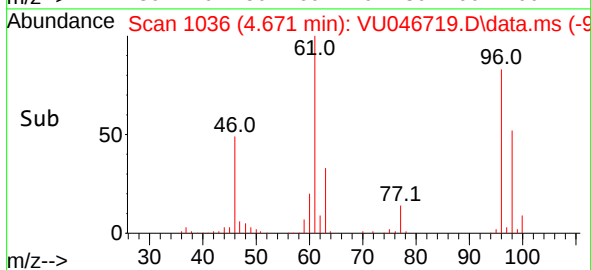
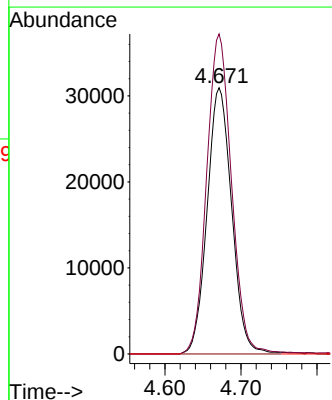
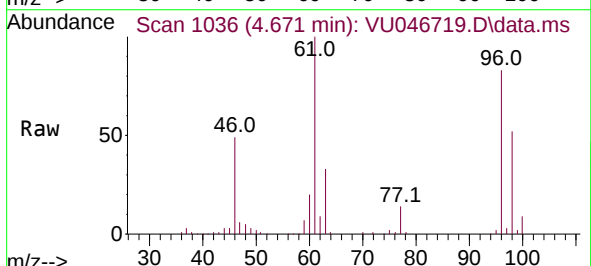
Tgt Ion: 96 Resp: 69527

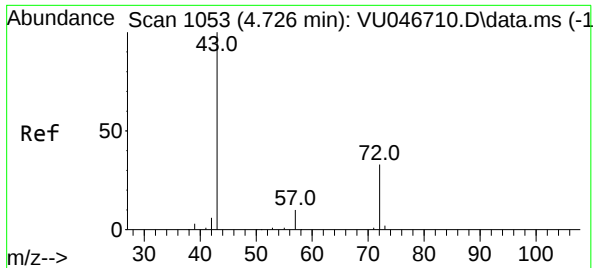
Ion Ratio Lower Upper

96 100

61 120.2 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 110.449 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.003 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

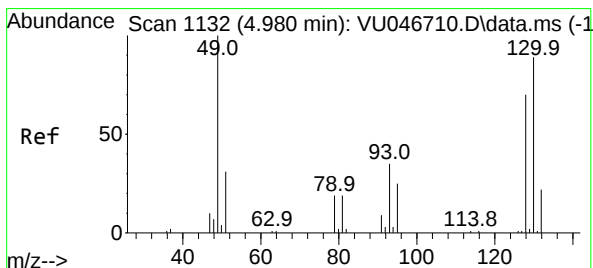
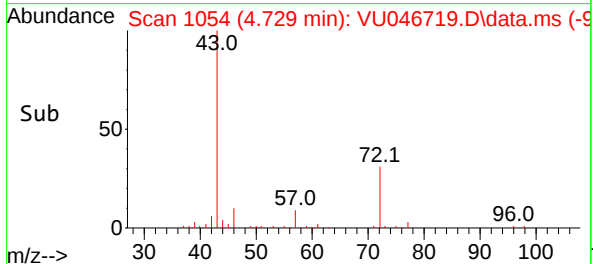
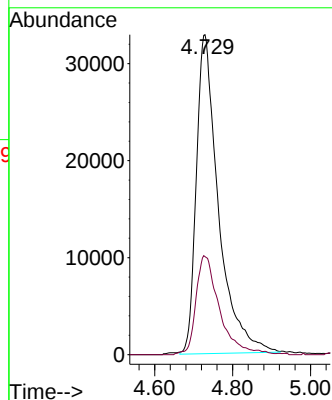
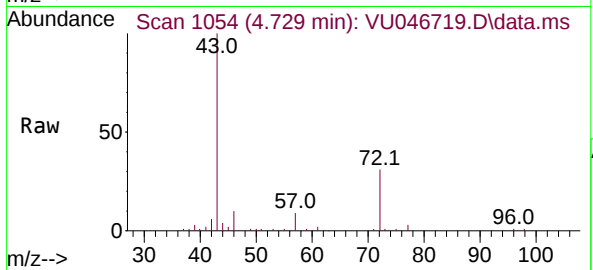
VSTD050159

Tgt Ion: 43 Resp: 129764

Ion Ratio Lower Upper

43 100

72 32.3 15.6 46.8



#23

Bromochloromethane

Concen: 54.068 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

Tgt Ion: 128 Resp: 36368

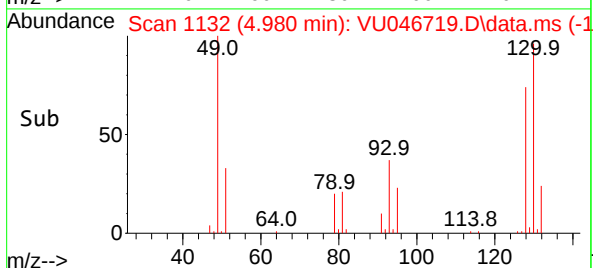
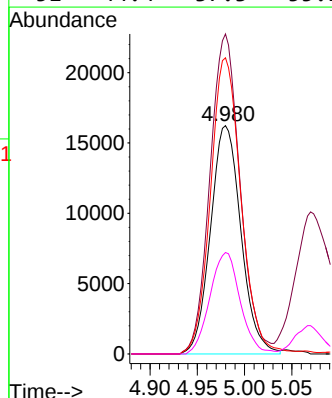
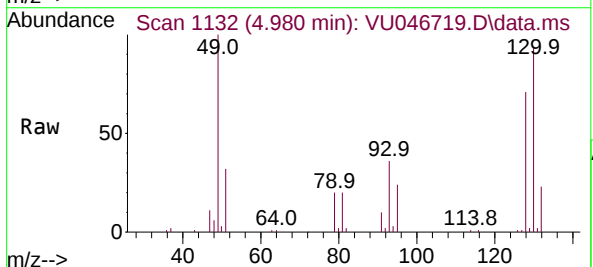
Ion Ratio Lower Upper

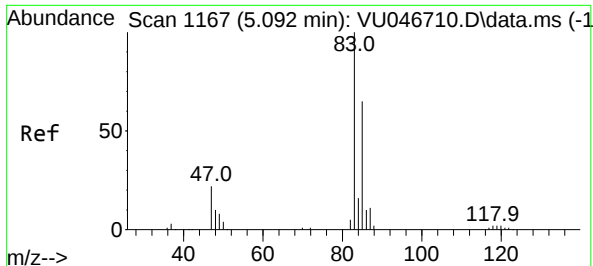
128 100

49 140.1 105.4 195.8

130 129.7 88.7 164.7

51 44.4 37.3 55.9





#25

Chloroform

Concen: 53.709 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

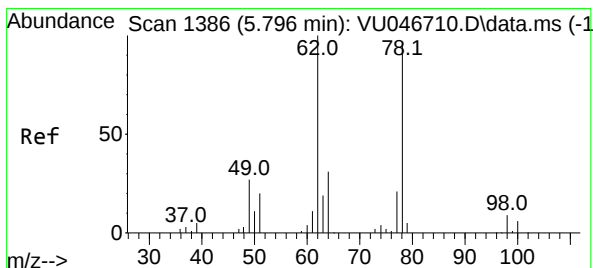
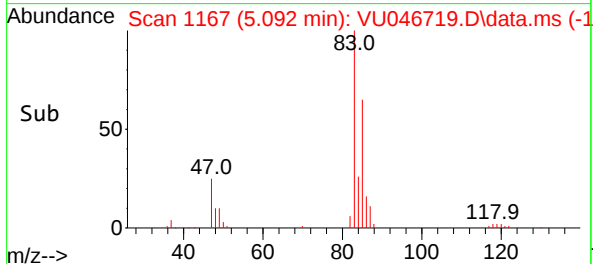
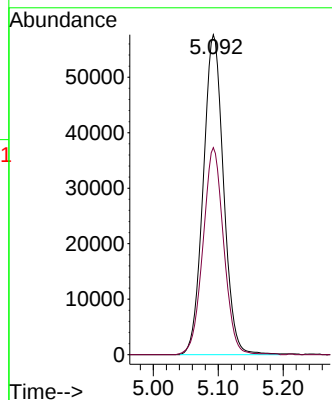
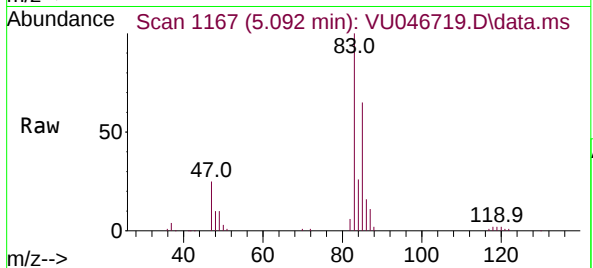
VSTD050159

Tgt Ion: 83 Resp: 125622

Ion Ratio Lower Upper

83 100

85 64.7 45.7 84.9



#27

1,2-Dichloroethane

Concen: 53.996 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046719.D

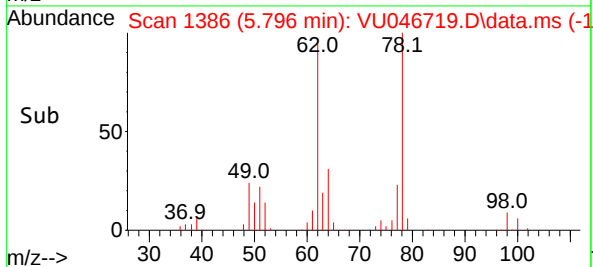
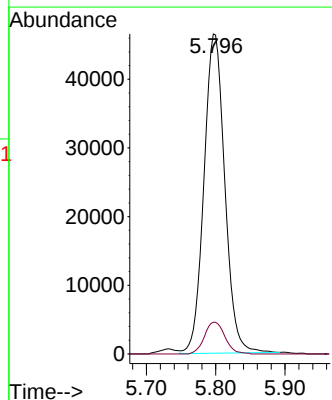
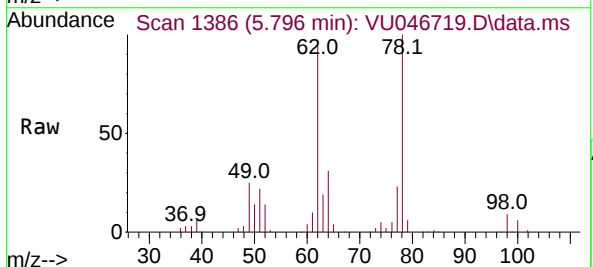
Acq: 10 Jan 2022 17:01

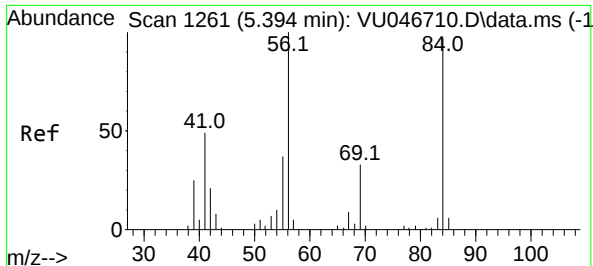
Tgt Ion: 62 Resp: 97031

Ion Ratio Lower Upper

62 100

98 9.9 7.7 11.5





#29

Cyclohexane

Concen: 52.993 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD050159

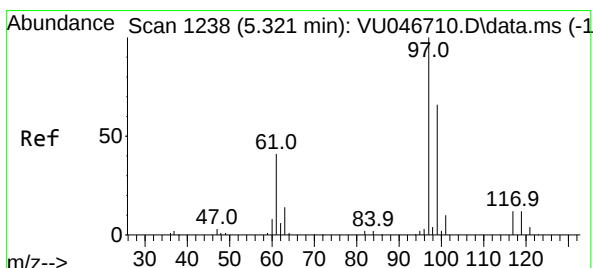
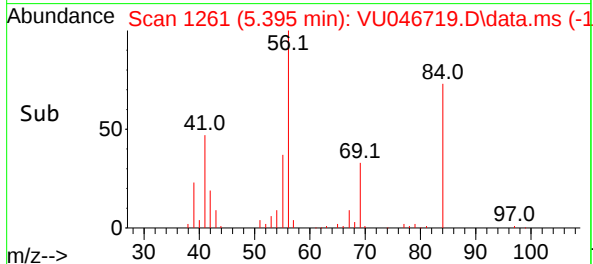
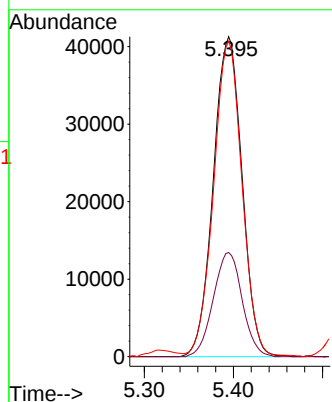
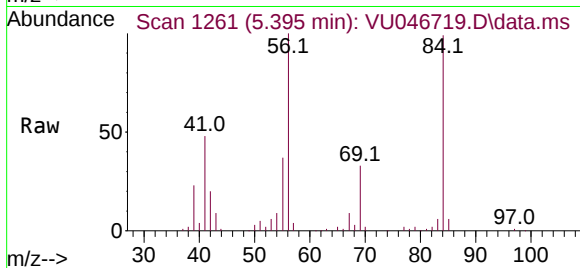
Tgt Ion: 56 Resp: 92590

Ion Ratio Lower Upper

56 100

69 32.7 25.8 38.6

84 97.4 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 55.371 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

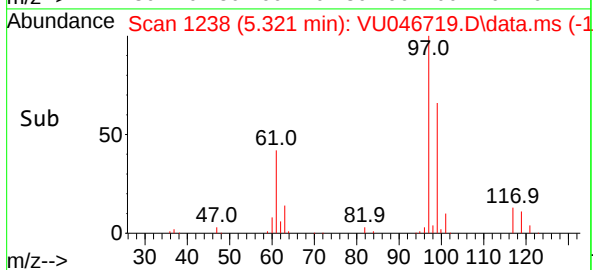
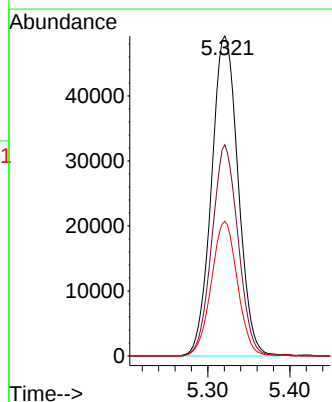
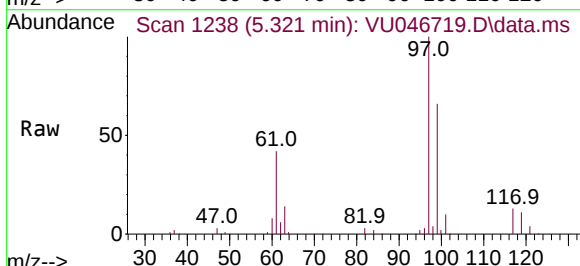
Tgt Ion: 97 Resp: 111332

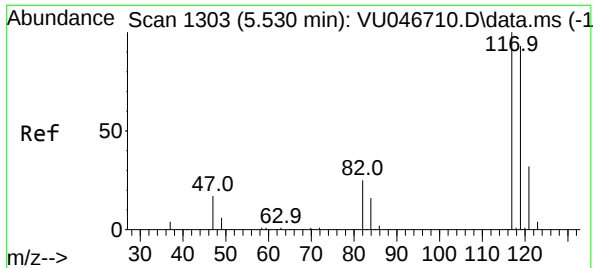
Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

61 41.2 34.1 51.1

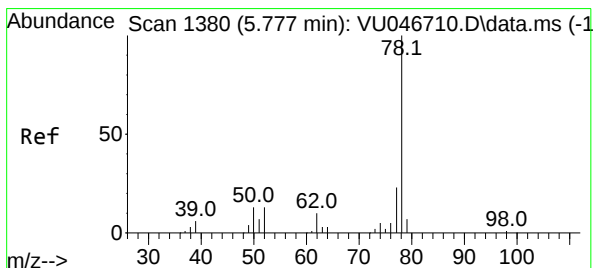
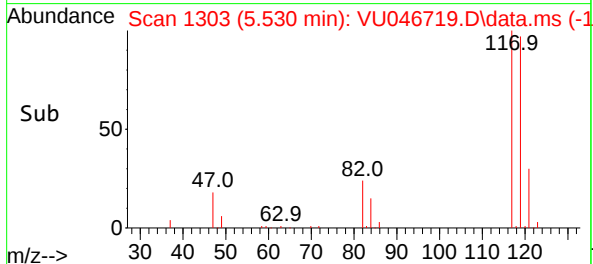
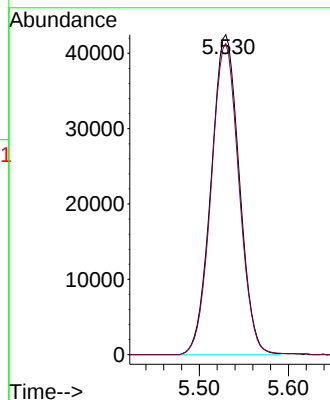
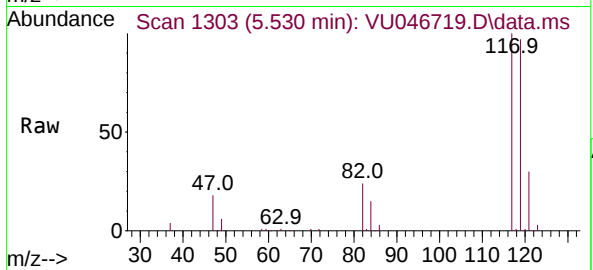




#31
Carbon tetrachloride
Concen: 53.531 ug/L
RT: 5.530 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

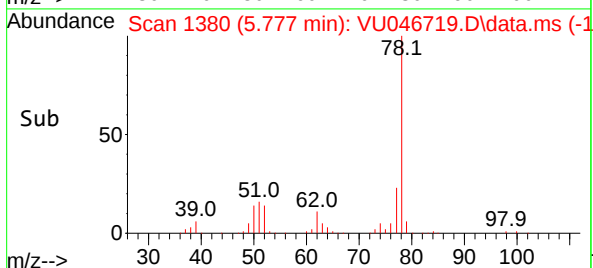
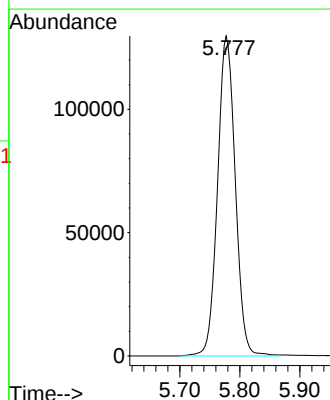
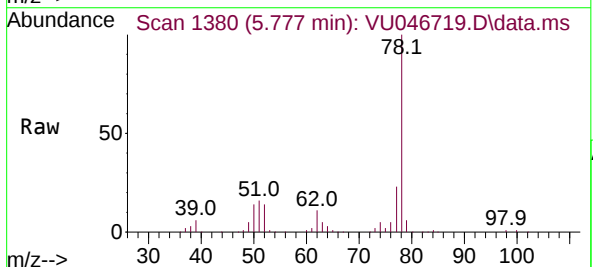
Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

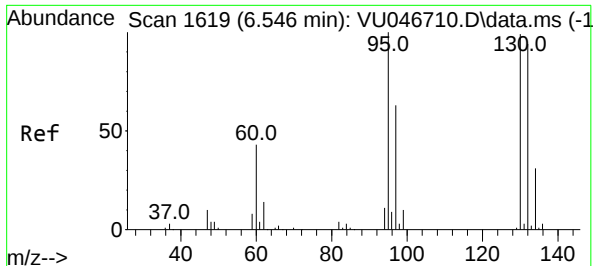
Tgt Ion:117 Resp: 93234
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3



#33
Benzene
Concen: 54.364 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion: 78 Resp: 265785

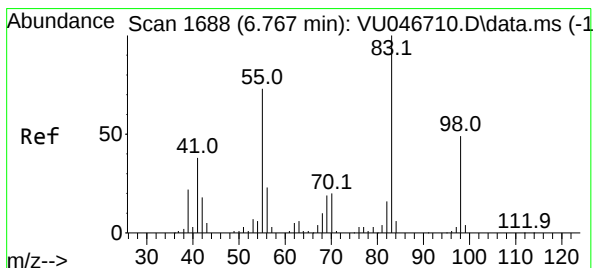
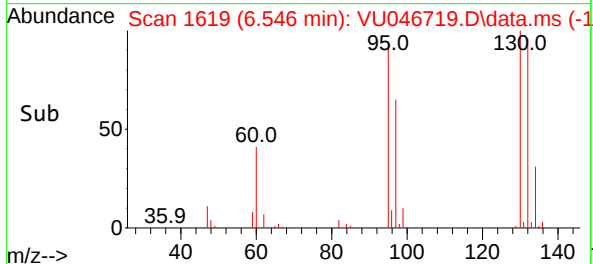
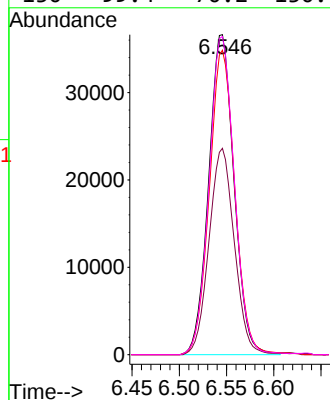
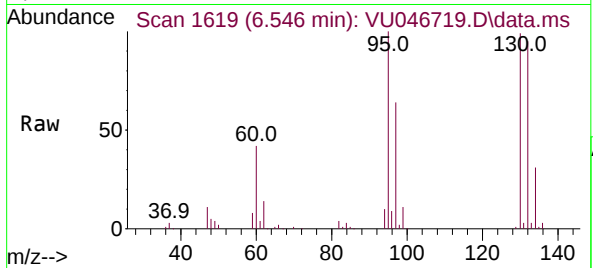




#34
Trichloroethene
Concen: 53.302 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

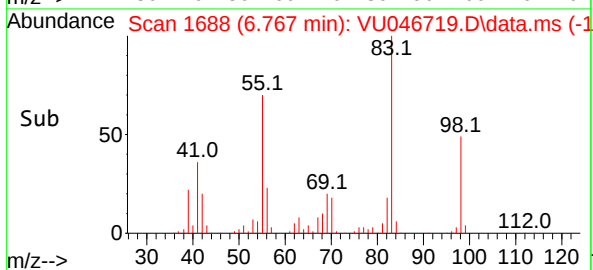
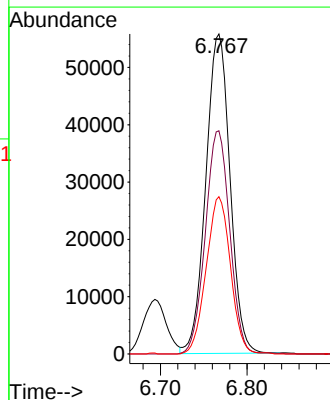
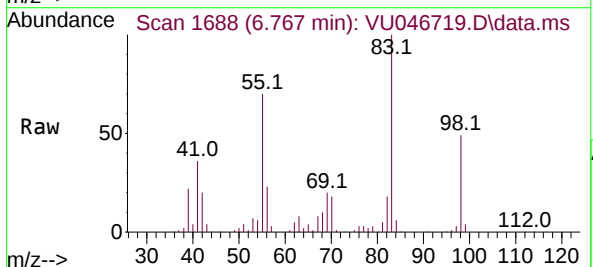
Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

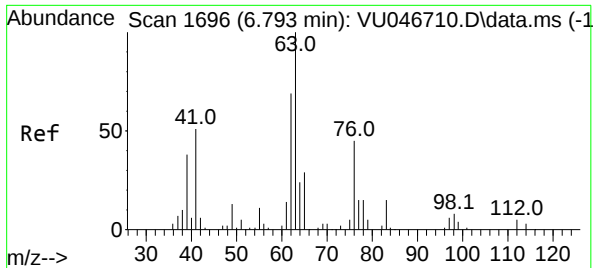
Tgt Ion: 95 Resp: 68352
Ion Ratio Lower Upper
95 100
97 64.5 45.1 83.7
132 95.2 66.7 123.9
130 99.4 70.2 130.4



#35
Methylcyclohexane
Concen: 54.343 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion: 83 Resp: 108218
Ion Ratio Lower Upper
83 100
55 70.4 56.6 85.0
98 49.3 38.4 57.6

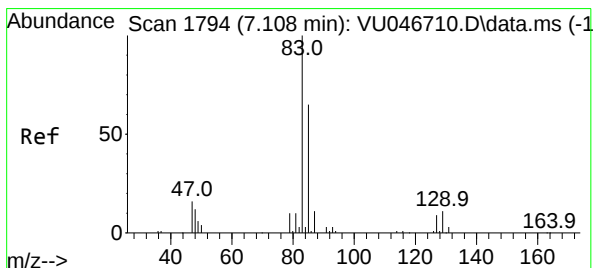
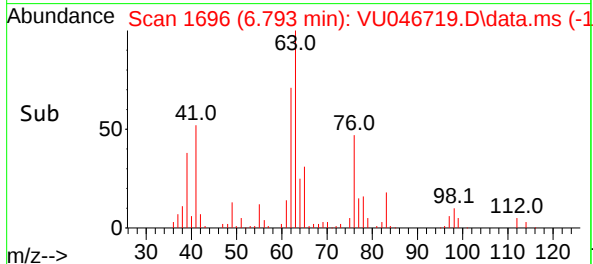
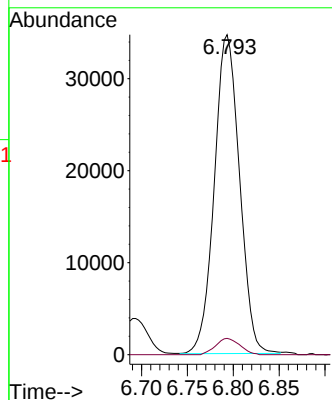
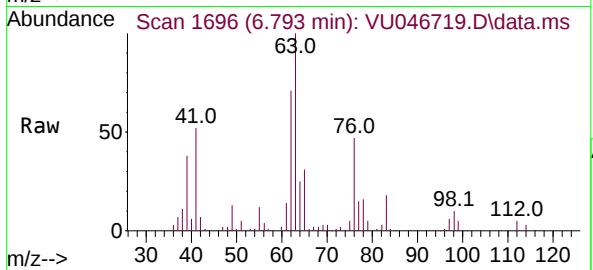




#37
1,2-Dichloropropane
Concen: 52.931 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

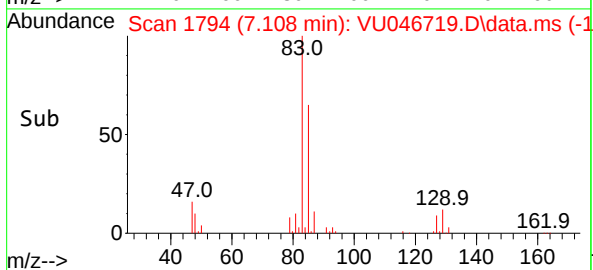
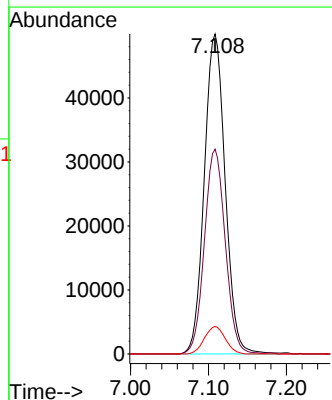
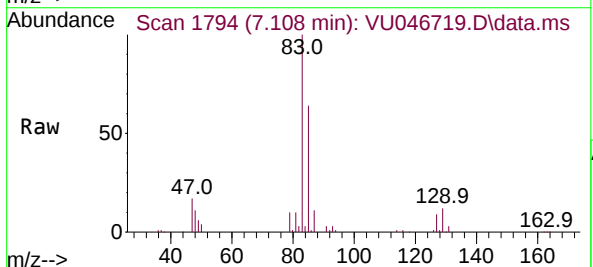
Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

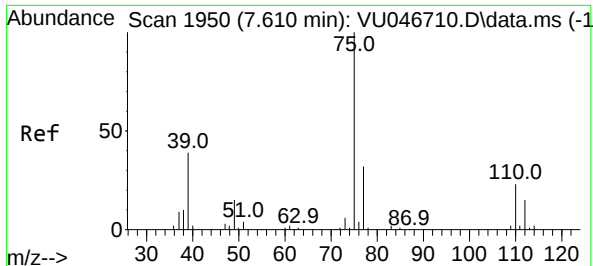
Tgt Ion: 63 Resp: 66217
Ion Ratio Lower Upper
63 100
112 4.9 3.7 5.5



#38
Bromodichloromethane
Concen: 54.128 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion: 83 Resp: 93124
Ion Ratio Lower Upper
83 100
85 64.0 45.0 83.6
127 8.6 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 55.528 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

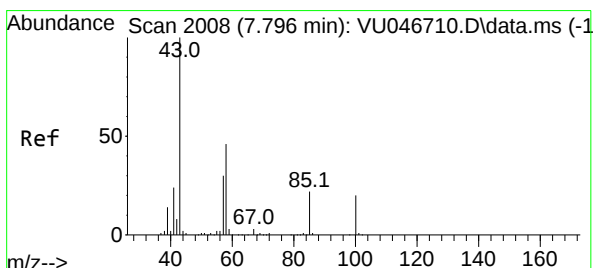
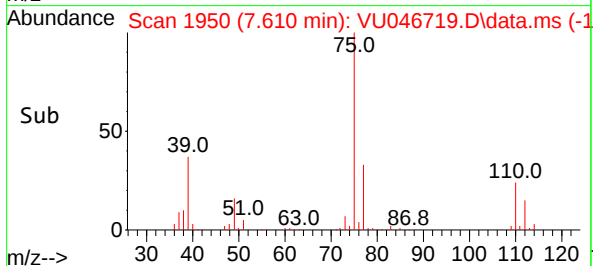
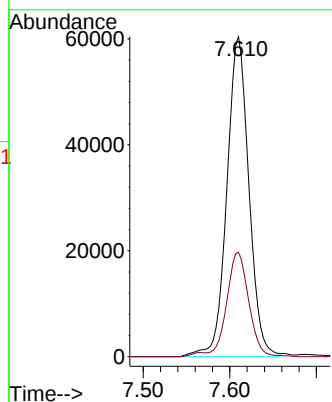
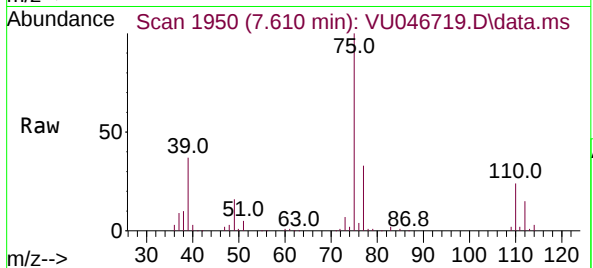
VSTD050159

Tgt Ion: 75 Resp: 106893

Ion Ratio Lower Upper

75 100

77 32.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 115.737 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

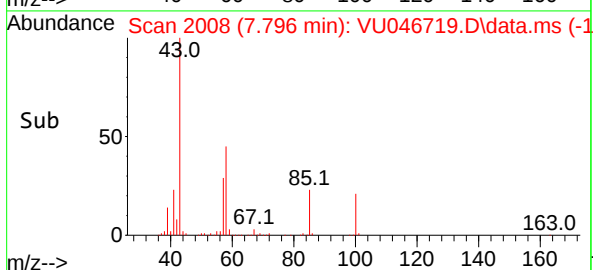
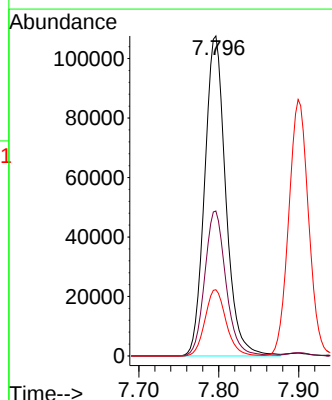
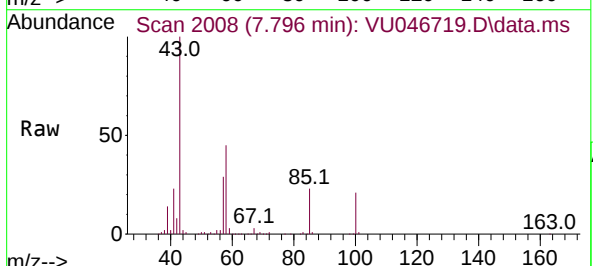
Tgt Ion: 43 Resp: 197938

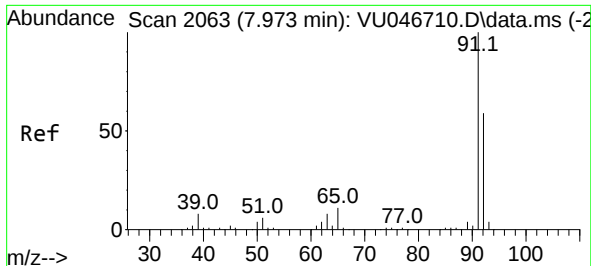
Ion Ratio Lower Upper

43 100

58 45.7 35.8 53.8

100 20.7 15.7 23.5





#42

Toluene

Concen: 56.601 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

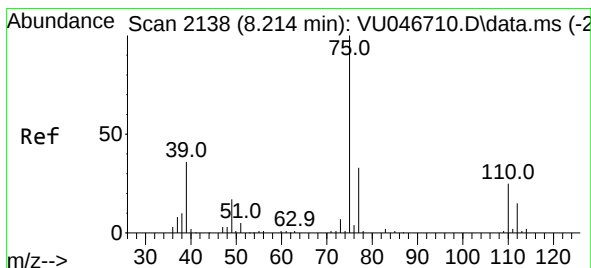
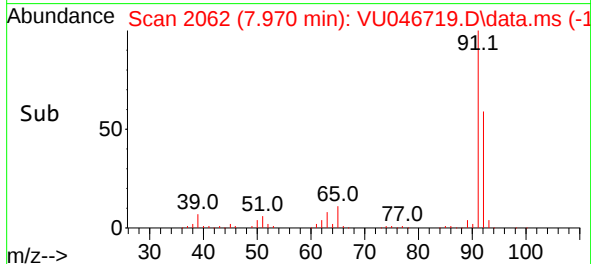
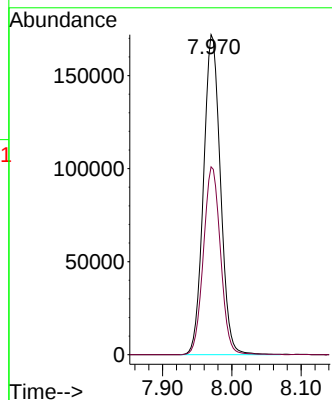
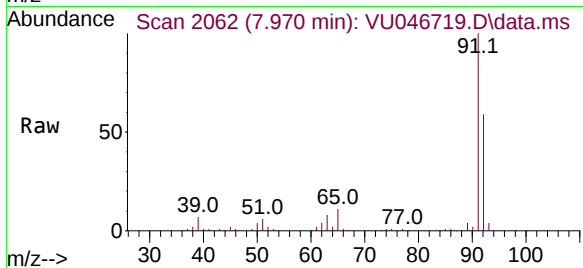
VSTD050159

Tgt Ion: 91 Resp: 291842

Ion Ratio Lower Upper

91 100

92 58.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 57.597 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046719.D

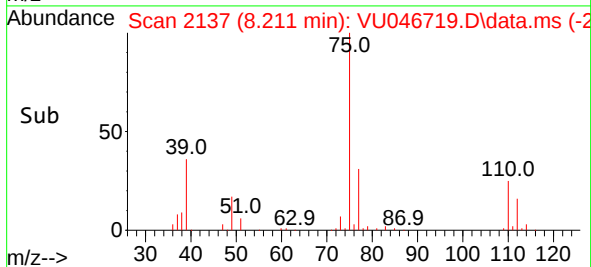
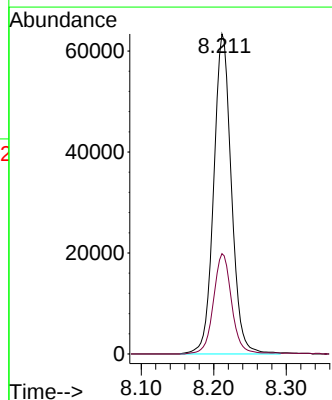
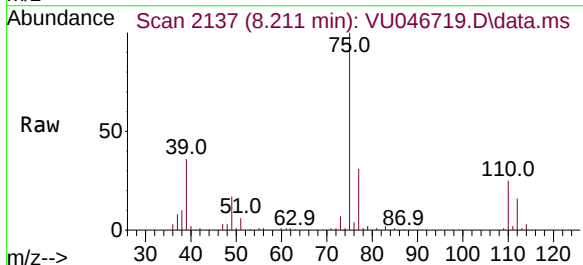
Acq: 10 Jan 2022 17:01

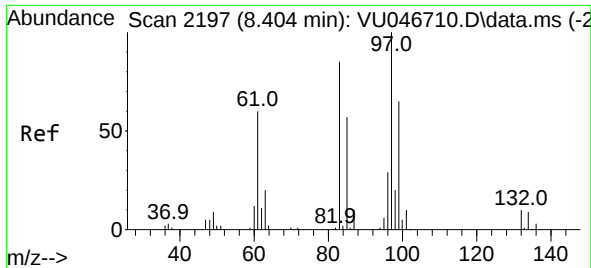
Tgt Ion: 75 Resp: 107568

Ion Ratio Lower Upper

75 100

77 31.3 23.0 42.8

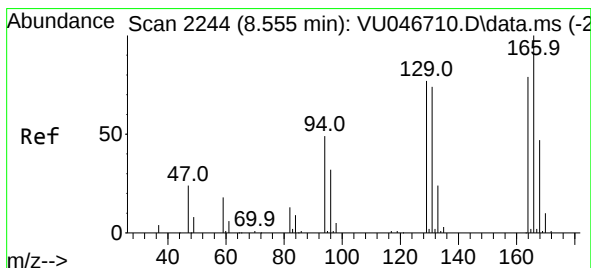
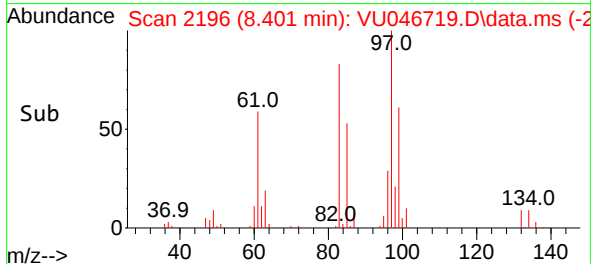
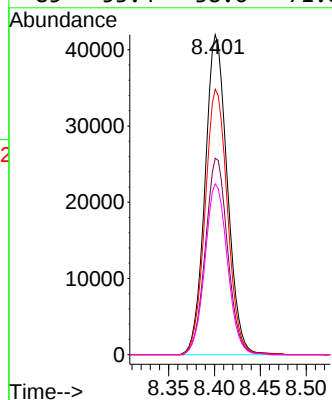
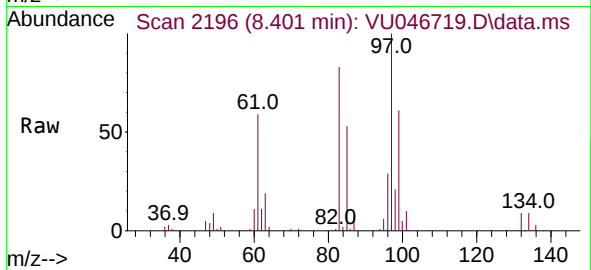




#45
1,1,2-Trichloroethane
Concen: 55.552 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

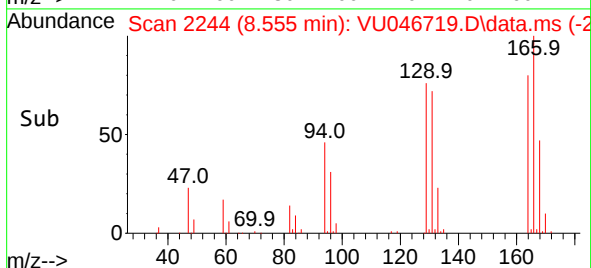
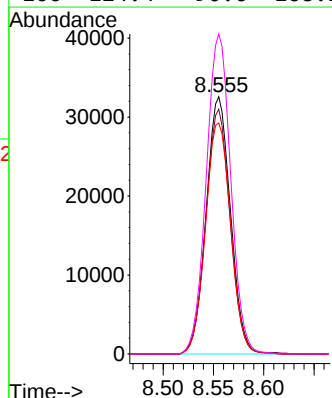
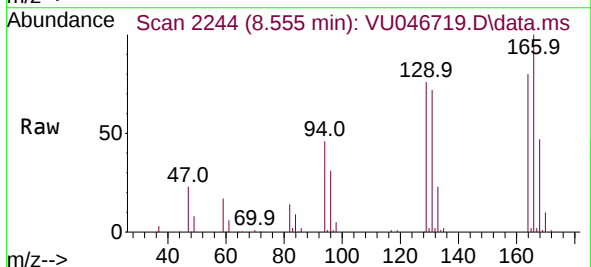
Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

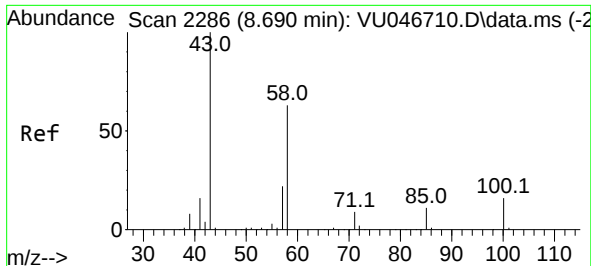
Tgt Ion: 97	Resp: 71008
Ion Ratio	Lower Upper
97 100	
99 61.4	42.4 78.8
83 82.9	59.4 110.4
85 53.4	38.6 71.8



#46
Tetrachloroethene
Concen: 56.595 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt	Ion:164	Resp:	55063
Ion	Ratio	Lower	Upper
164	100		
129	95.1	69.5	129.1
131	89.8	67.0	124.4
166	124.4	90.6	168.2

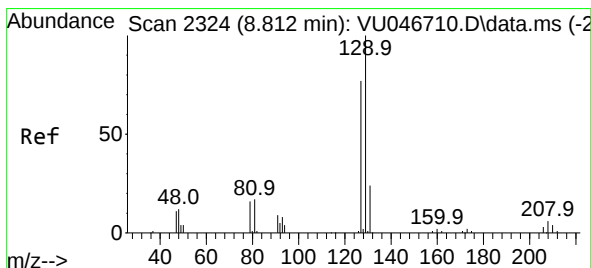
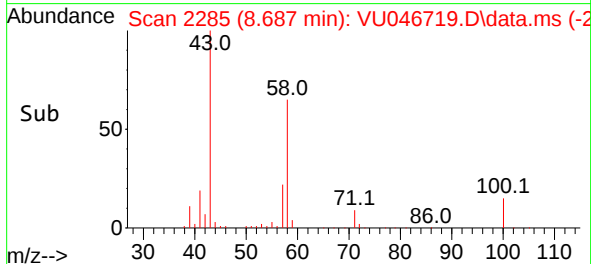
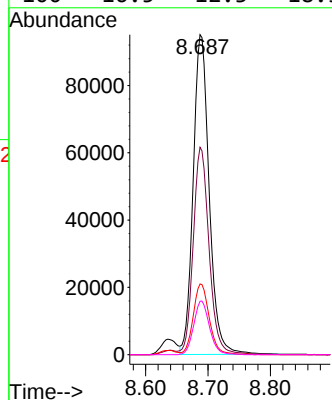
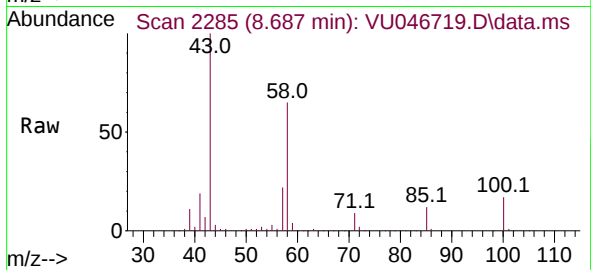




#48
2-Hexanone
Concen: 116.949 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

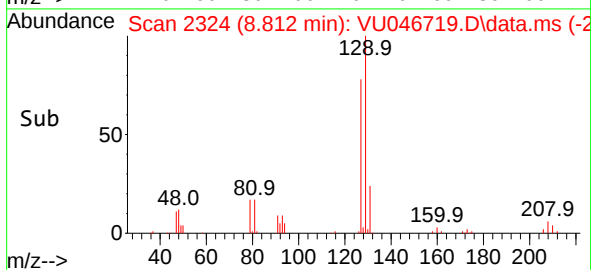
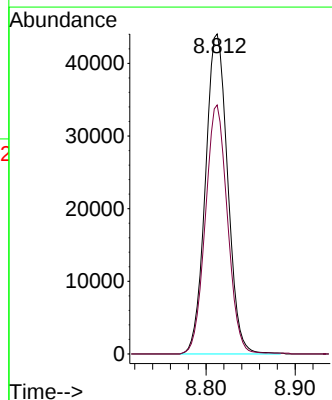
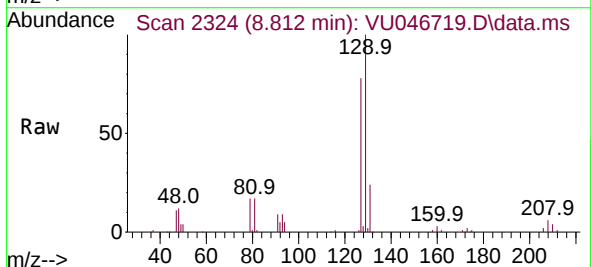
Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

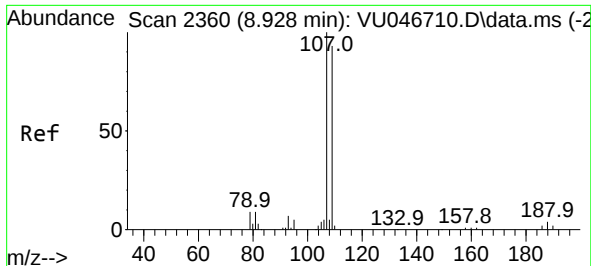
Tgt Ion:	43	Resp:	169528
Ion	Ratio	Lower	Upper
43	100		
58	63.6	49.4	74.2
57	22.2	17.5	26.3
100	16.5	12.3	18.5



#49
Dibromochloromethane
Concen: 54.238 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion:	129	Resp:	76142
Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.5	101.3

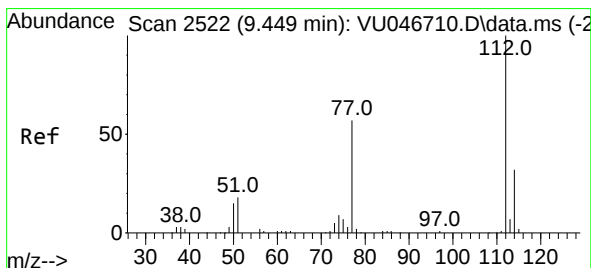
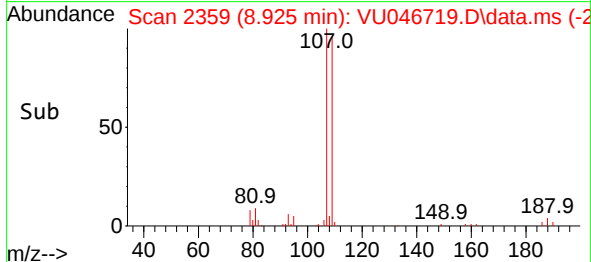
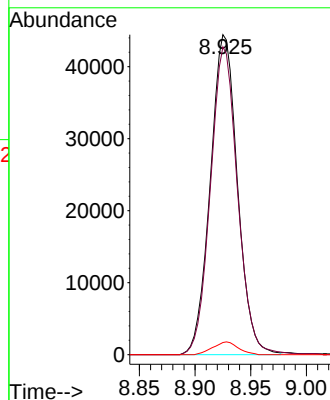
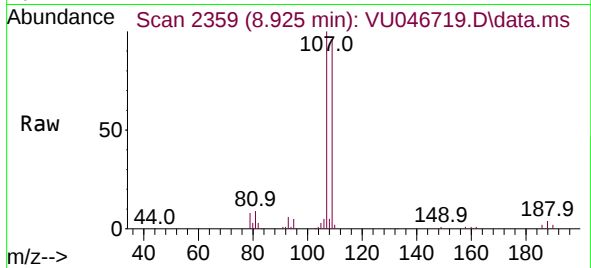




#50
1,2-Dibromoethane
Concen: 56.697 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

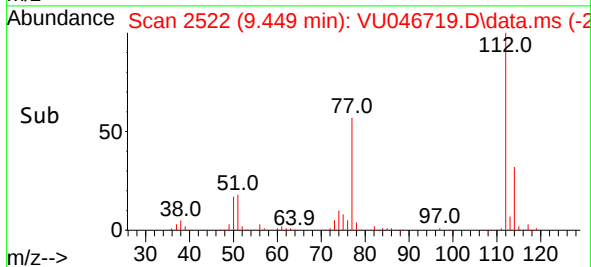
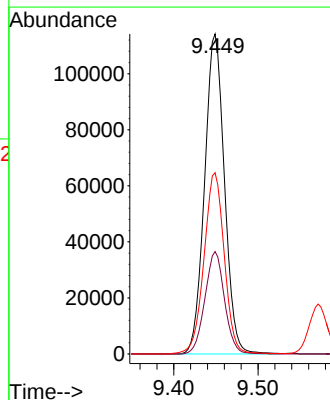
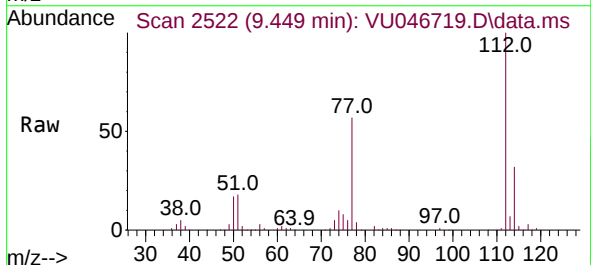
Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

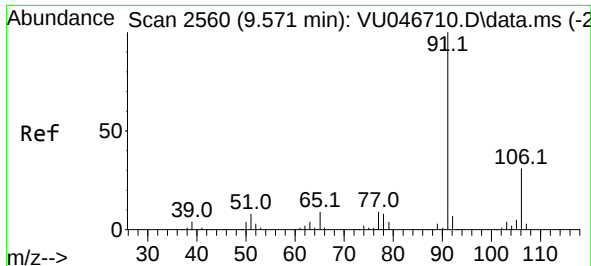
Tgt Ion:107 Resp: 75542
Ion Ratio Lower Upper
107 100
109 96.2 65.6 121.8
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 55.971 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion:112 Resp: 187584
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 56.7 46.5 69.7





#52

Ethylbenzene

Concen: 57.865 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.003 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

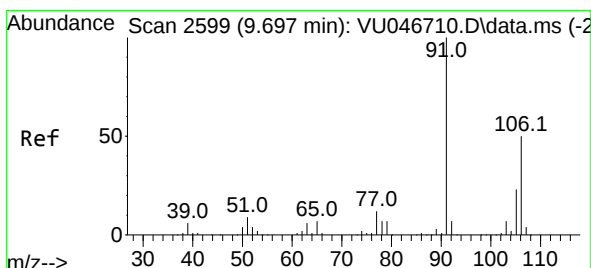
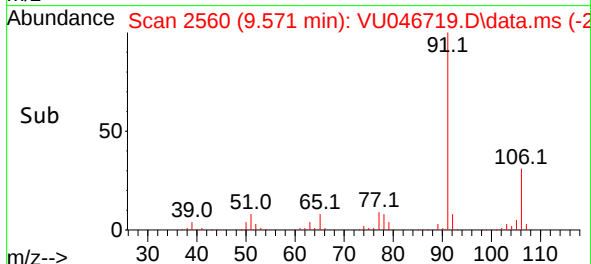
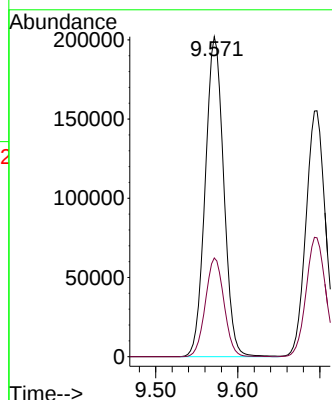
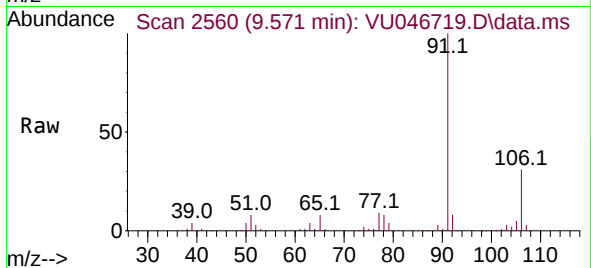
VSTD050159

Tgt Ion: 91 Resp: 316529

Ion Ratio Lower Upper

91 100

106 30.8 21.8 40.4



#53

m,p-Xylene

Concen: 59.614 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU046719.D

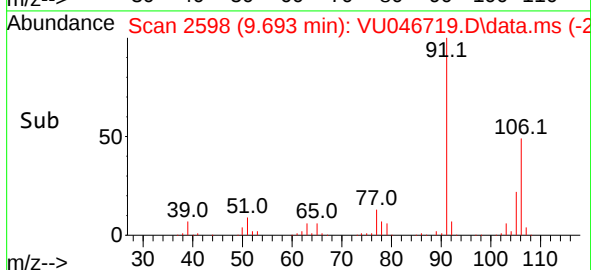
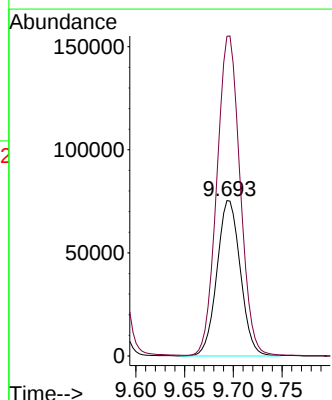
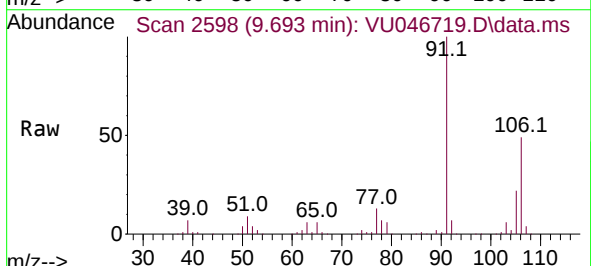
Acq: 10 Jan 2022 17:01

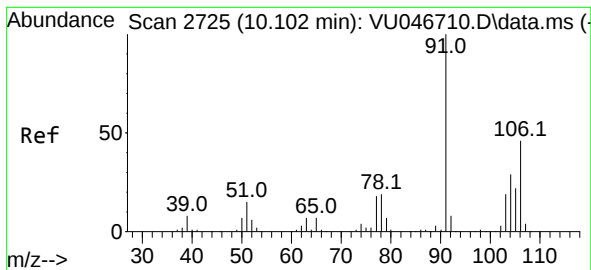
Tgt Ion:106 Resp: 125943

Ion Ratio Lower Upper

106 100

91 205.8 145.5 270.1





#54

o-xylene

Concen: 60.086 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

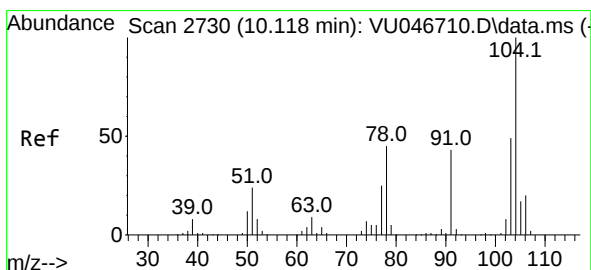
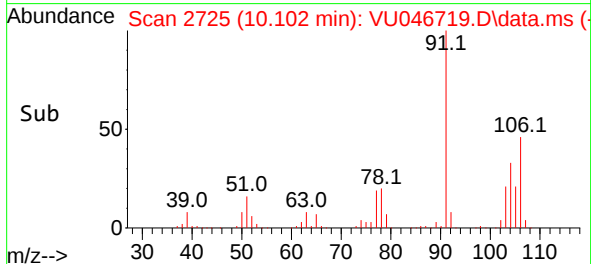
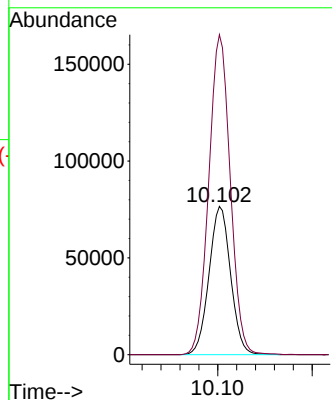
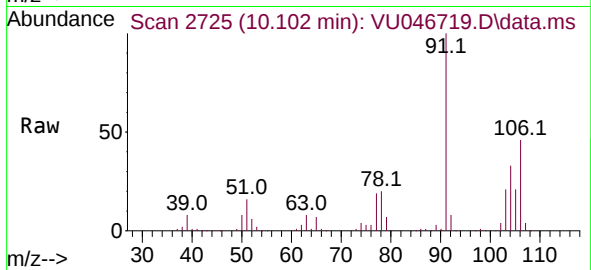
VSTD050159

Tgt Ion:106 Resp: 121385

Ion Ratio Lower Upper

106 100

91 215.8 152.0 282.2



#55

Styrene

Concen: 60.687 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU046719.D

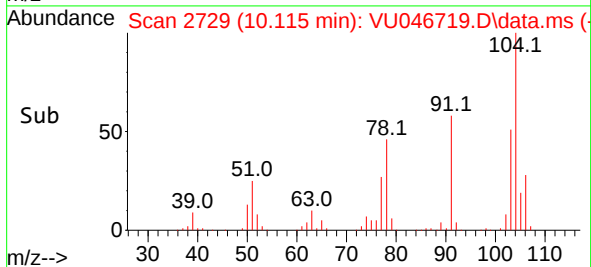
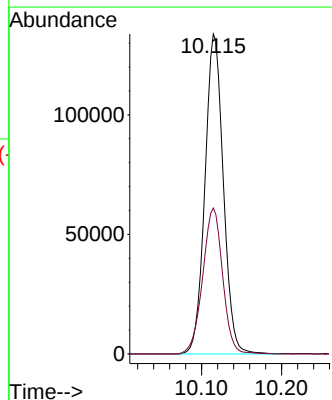
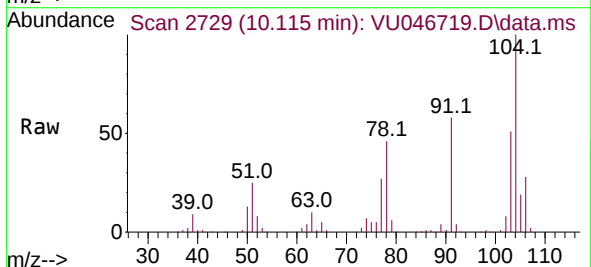
Acq: 10 Jan 2022 17:01

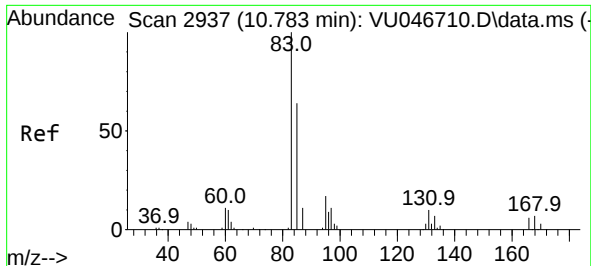
Tgt Ion:104 Resp: 214545

Ion Ratio Lower Upper

104 100

78 45.6 32.6 60.6

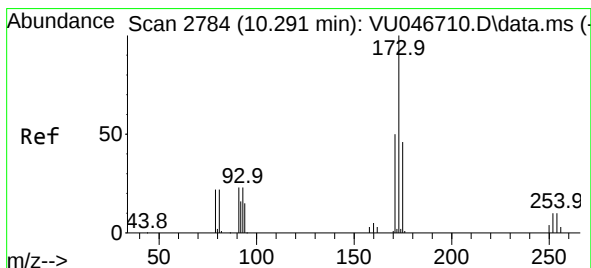
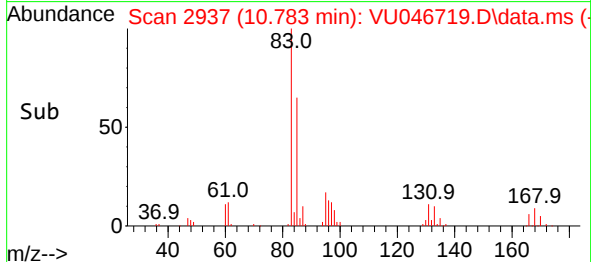
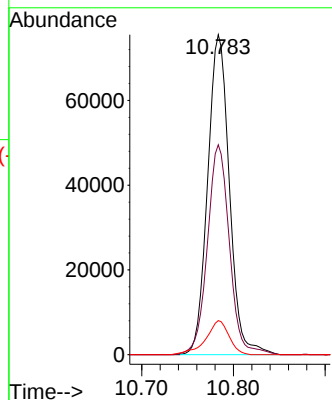
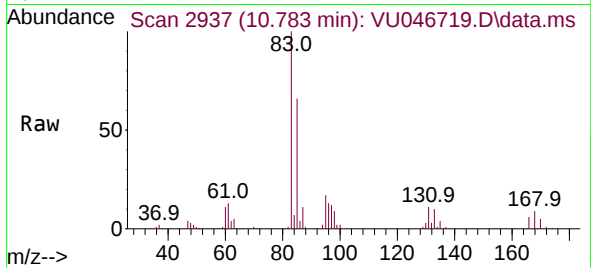




#57
 1,1,2,2-Tetrachloroethane
 Concen: 55.643 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU046719.D
 Acq: 10 Jan 2022 17:01

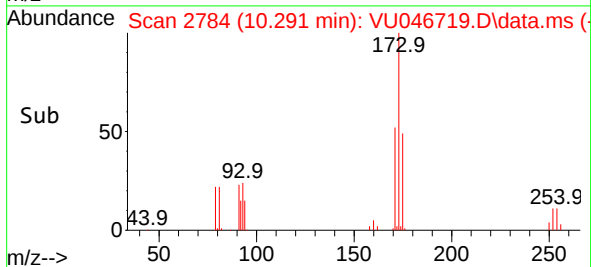
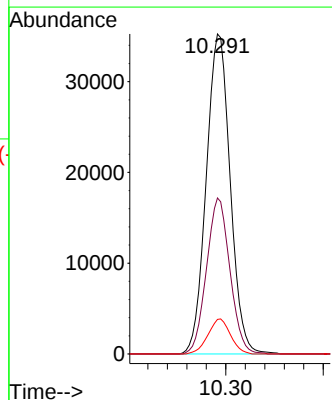
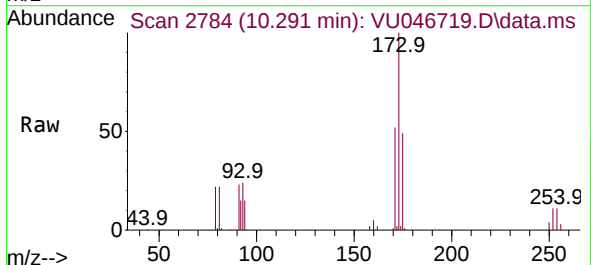
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050159

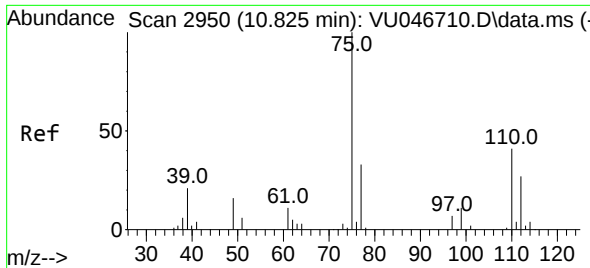
Tgt Ion: 83 Resp: 124393
 Ion Ratio Lower Upper
 83 100
 85 65.6 44.7 83.1
 131 10.7 7.8 11.6



#59
 Bromoform
 Concen: 54.445 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. -0.003 min
 Lab File: VU046719.D
 Acq: 10 Jan 2022 17:01

Tgt Ion: 173 Resp: 60167
 Ion Ratio Lower Upper
 173 100
 175 47.6 37.6 56.4
 254 10.3 8.1 12.1



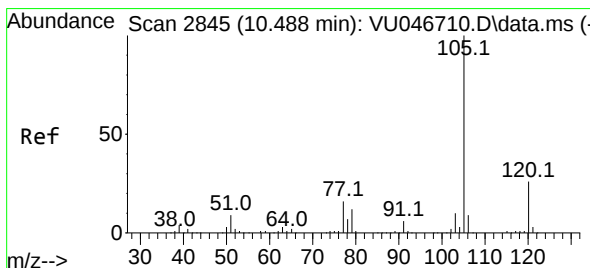
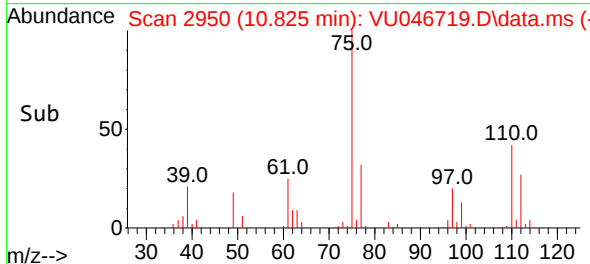
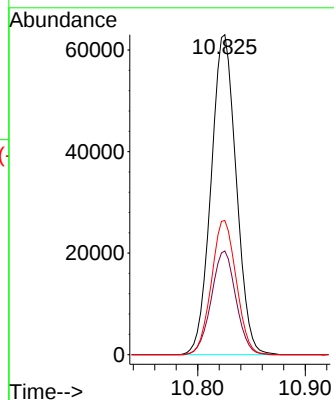
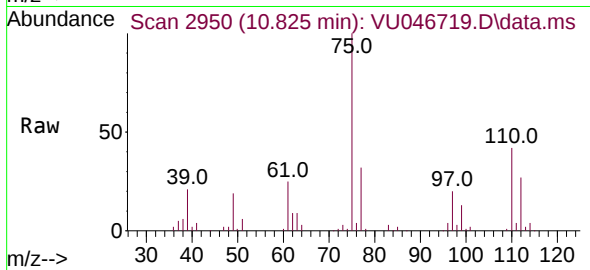


#60
1,2,3-Trichloropropane
Concen: 53.488 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

Tgt Ion: 75 Resp: 102357

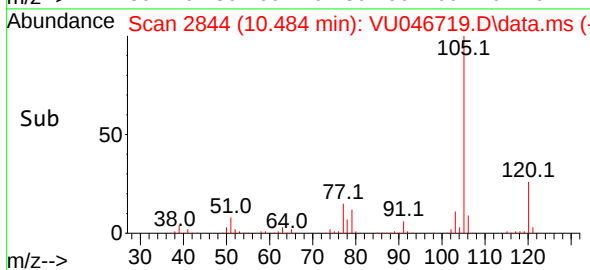
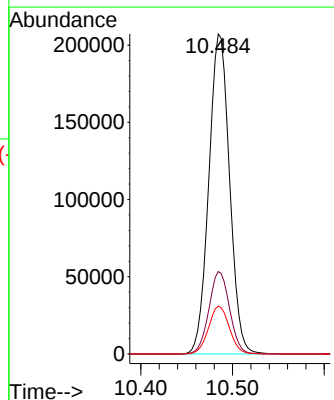
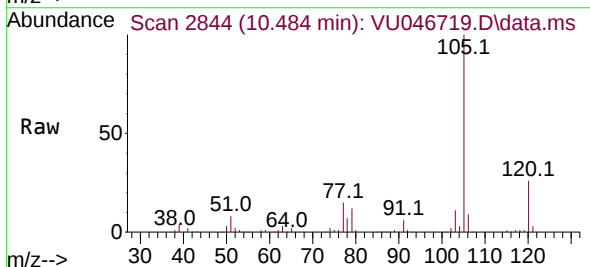
Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.2	39.2
110	41.5	32.5	48.7

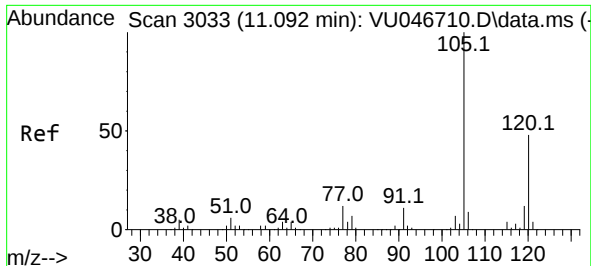


#61
Isopropylbenzene
Concen: 58.656 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion: 105 Resp: 325836

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.6	31.0
77	15.0	12.6	18.8





#62

1,3,5-Trimethylbenzene

Concen: 59.712 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU046719.D

Acq: 10 Jan 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

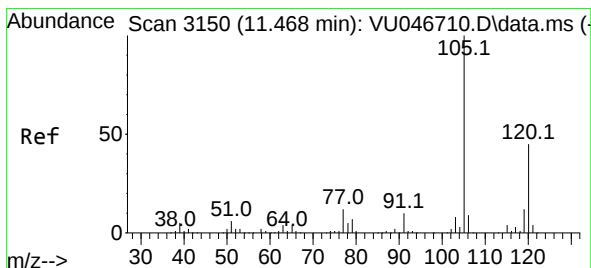
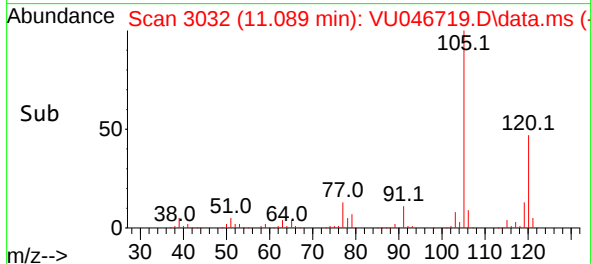
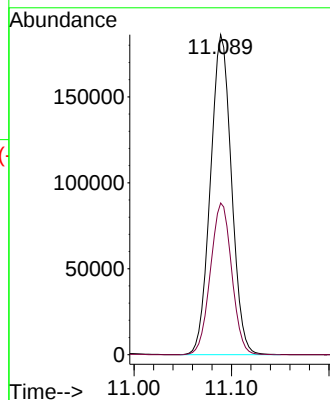
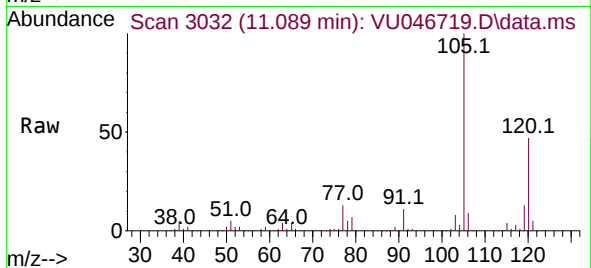
VSTD050159

Tgt Ion:105 Resp: 278835

Ion Ratio Lower Upper

105 100

120 48.0 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 60.474 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046719.D

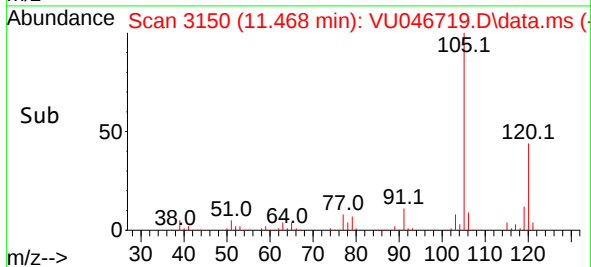
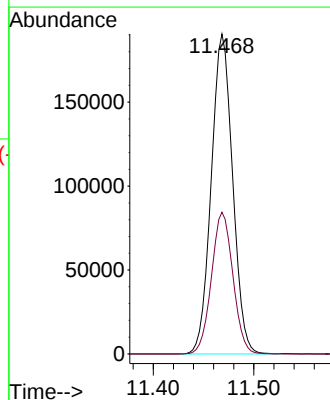
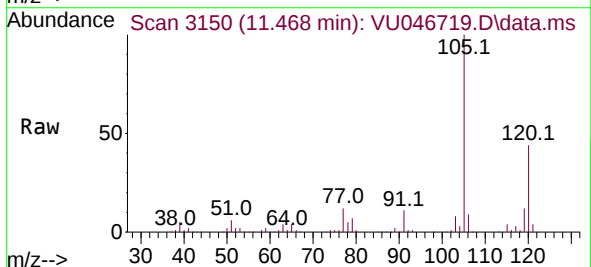
Acq: 10 Jan 2022 17:01

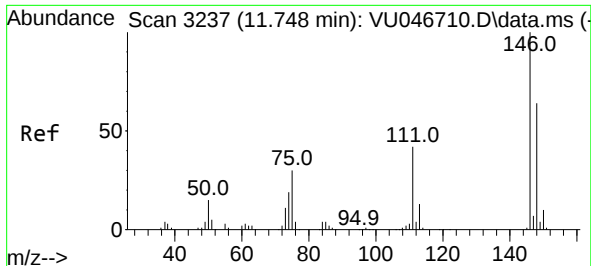
Tgt Ion:105 Resp: 281373

Ion Ratio Lower Upper

105 100

120 44.4 35.4 53.2

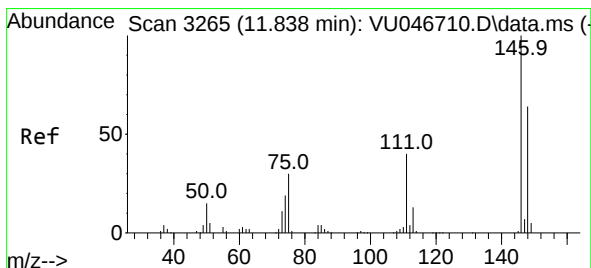
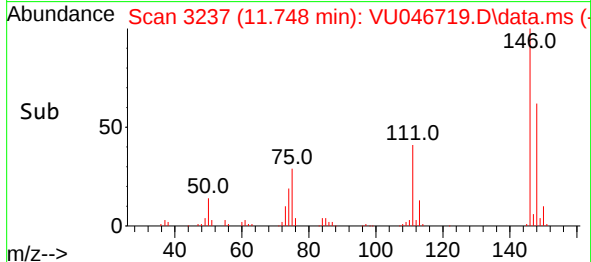
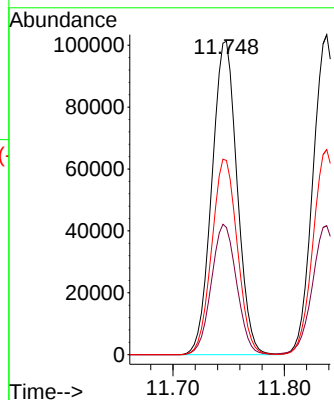
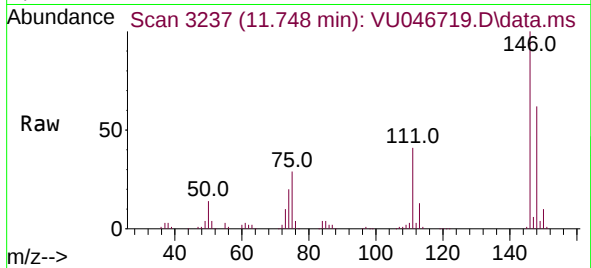




#64
1,3-Dichlorobenzene
Concen: 57.421 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

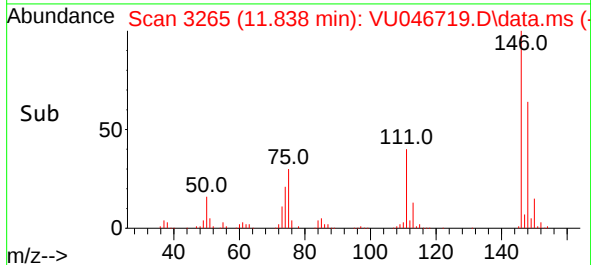
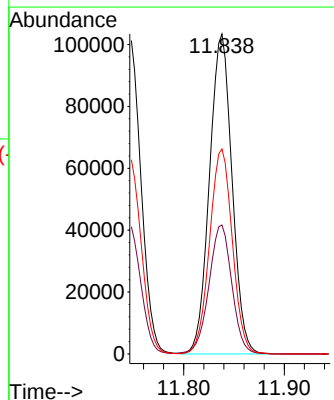
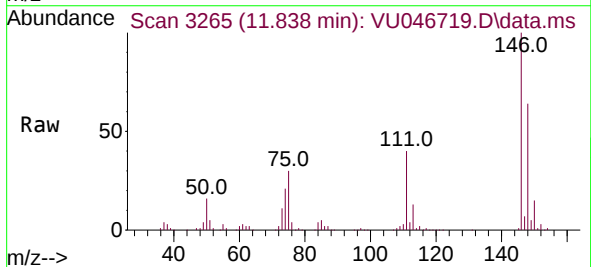
Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

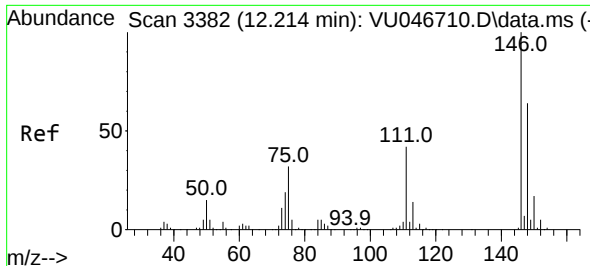
Tgt Ion:146 Resp: 159879
Ion Ratio Lower Upper
146 100
111 40.6 29.4 54.6
148 61.9 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 55.533 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion:146 Resp: 161113
Ion Ratio Lower Upper
146 100
111 40.3 28.9 53.7
148 64.1 44.5 82.7

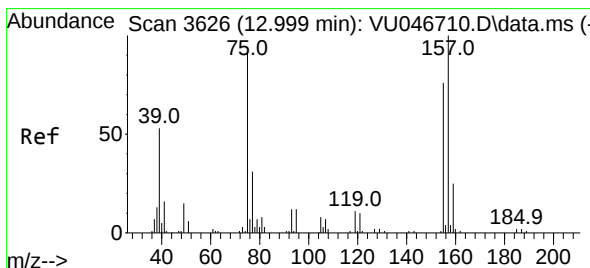
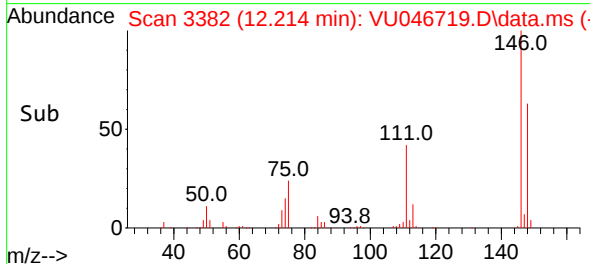
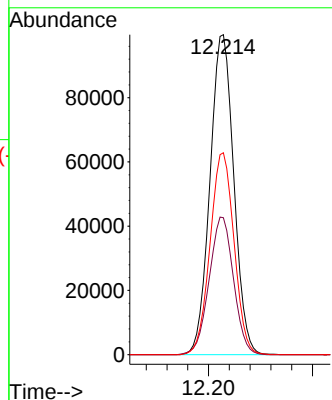
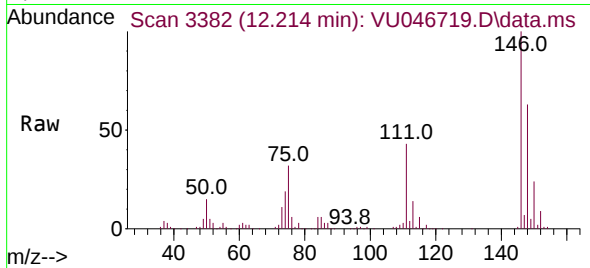




#67
1,2-Dichlorobenzene
Concen: 56.636 ug/L
RT: 12.214 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

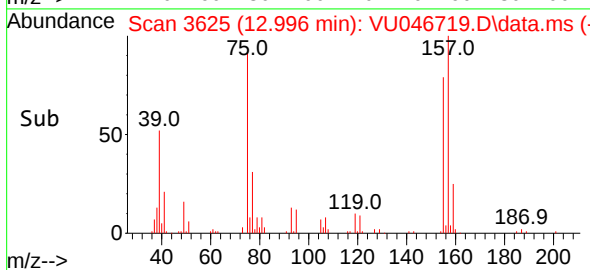
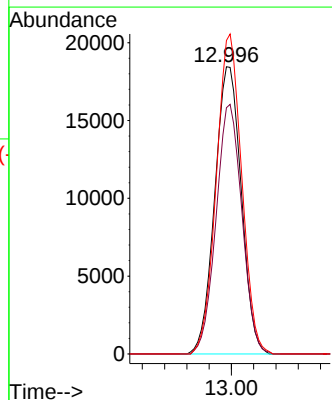
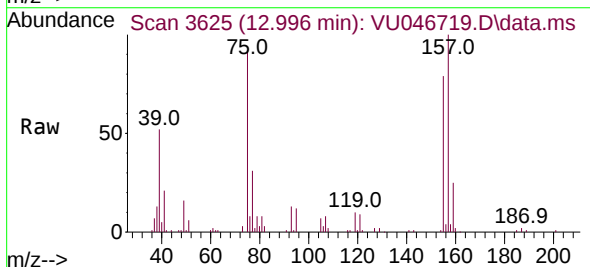
Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

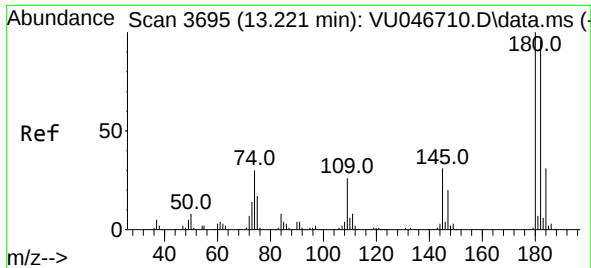
Tgt Ion:146 Resp: 158495
Ion Ratio Lower Upper
146 100
111 42.8 34.2 51.4
148 63.1 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 53.160 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion: 75 Resp: 30453
Ion Ratio Lower Upper
75 100
155 85.7 65.0 97.4
157 109.1 79.7 119.5

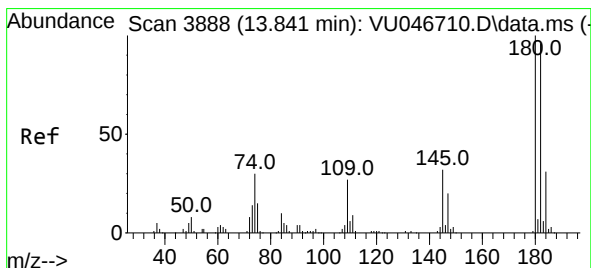
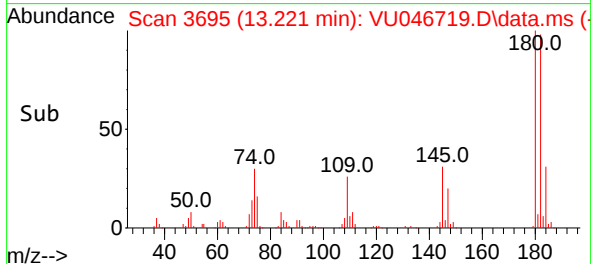
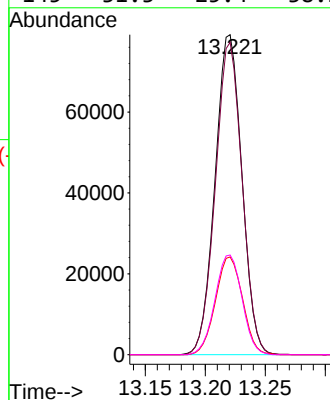
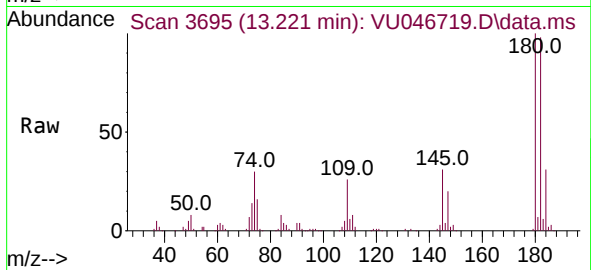




#69
1,3,5-Trichlorobenzene
Concen: 57.686 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

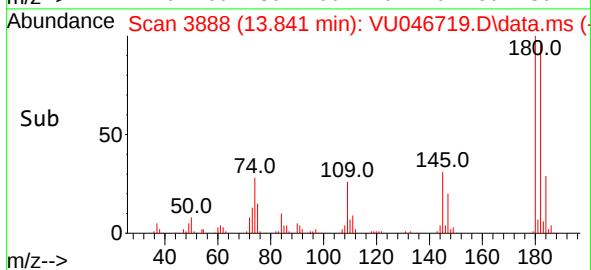
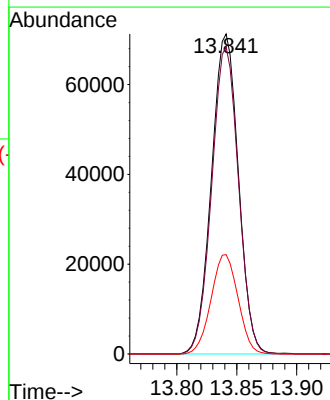
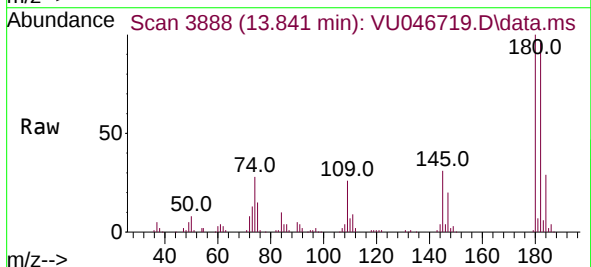
Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

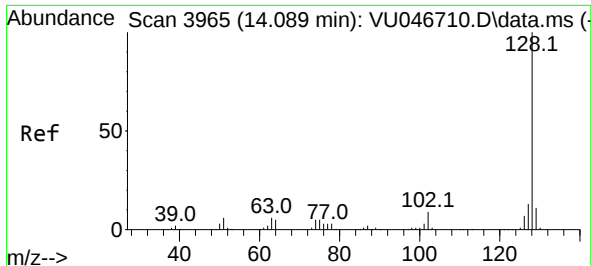
Tgt Ion:180 Resp: 123019
Ion Ratio Lower Upper
180 100
182 97.0 77.0 115.6
184 30.8 24.7 37.1
145 31.3 25.4 38.2



#70
1,2,4-trichlorobenzene
Concen: 61.023 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion:180 Resp: 111242
Ion Ratio Lower Upper
180 100
182 95.2 76.6 114.8
145 31.0 25.2 37.8

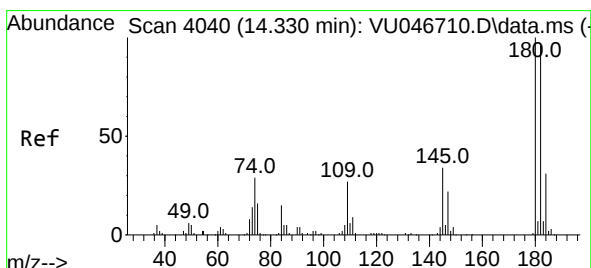
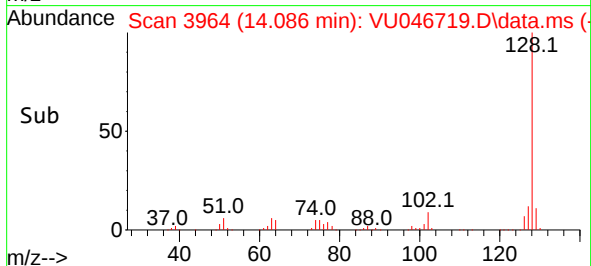
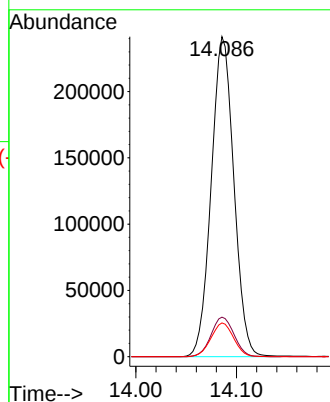
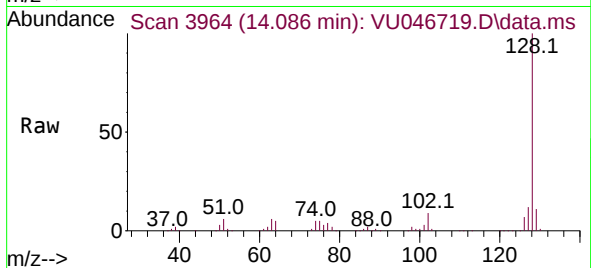




#71
Naphthalene
Concen: 63.568 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD050159

Tgt Ion:128 Resp: 376887
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.6 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 60.644 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046719.D
Acq: 10 Jan 2022 17:01

Tgt Ion:180 Resp: 111710
Ion Ratio Lower Upper
180 100
182 97.0 76.6 115.0
145 32.9 27.4 41.2

