

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048580.D
 Acq On : 16 May 2022 13:51
 Operator : SY/MD
 Sample : VSTD10071
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100071

Quant Time: May 17 06:43:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:41:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	255949	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	253700	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	157575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	152614	74.088	ug/L	0.00
7) Chloroethane-d5	1.906	69	117542	87.147	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	355382	92.664	ug/L	0.00
21) 2-Butanone-d5	4.616	46	317383	175.131	ug/L	-0.01
24) Chloroform-d	5.063	84	397829	103.627	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	282367	111.284	ug/L	0.00
32) Benzene-d6	5.729	84	705154	93.431	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	207821	86.455	ug/L	0.00
41) Toluene-d8	7.899	98	675877	99.935	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	132119	111.903	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	242813	201.556	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	340616	91.871	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	312706	100.348	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	276427	113.727	ug/L	100
3) Chloromethane	1.523	50	174772	70.737	ug/L	99
5) Vinyl chloride	1.604	62	177266	74.090	ug/L	100
6) Bromomethane	1.845	94	121309	97.239	ug/L	98
8) Chloroethane	1.928	64	104125	80.117	ug/L	99
9) Trichlorofluoromethane	2.137	101	351036	103.614	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	180657	94.827	ug/L	99
12) 1,1-Dichloroethene	2.578	96	164751	92.523	ug/L	89
13) Acetone	2.623	43	215071	150.691	ug/L	100
14) Carbon disulfide	2.793	76	462019	85.060	ug/L	100
15) Methyl Acetate	2.944	43	210084	76.041	ug/L	99
16) Methylene chloride	3.044	84	185879	86.422	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	175036	92.340	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	641998	99.224	ug/L	99
19) 1,1-Dichloroethane	3.870	63	330446	85.582	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	202985	94.060	ug/L	99
22) 2-Butanone	4.697	43	308694	150.993	ug/L	100
23) Bromochloromethane	4.973	128	110533	96.015	ug/L	97
25) Chloroform	5.089	83	383610	97.759	ug/L	99
27) 1,2-Dichloroethane	5.793	62	328275	100.642	ug/L	100
29) Cyclohexane	5.388	56	265540	79.272	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	379333	104.295	ug/L	98
31) Carbon tetrachloride	5.526	117	349427	110.350	ug/L	100
33) Benzene	5.774	78	732205	85.282	ug/L	100
34) Trichloroethene	6.542	95	205888	94.618	ug/L	99
35) Methylcyclohexane	6.764	83	309030	91.391	ug/L	99
37) 1,2-Dichloropropane	6.790	63	183861	78.274	ug/L	99
38) Bromodichloromethane	7.105	83	303872	100.396	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	333502	96.542	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	578224	154.186	ug/L	99
42) Toluene	7.970	91	817035	91.050	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	351847	102.448	ug/L	99

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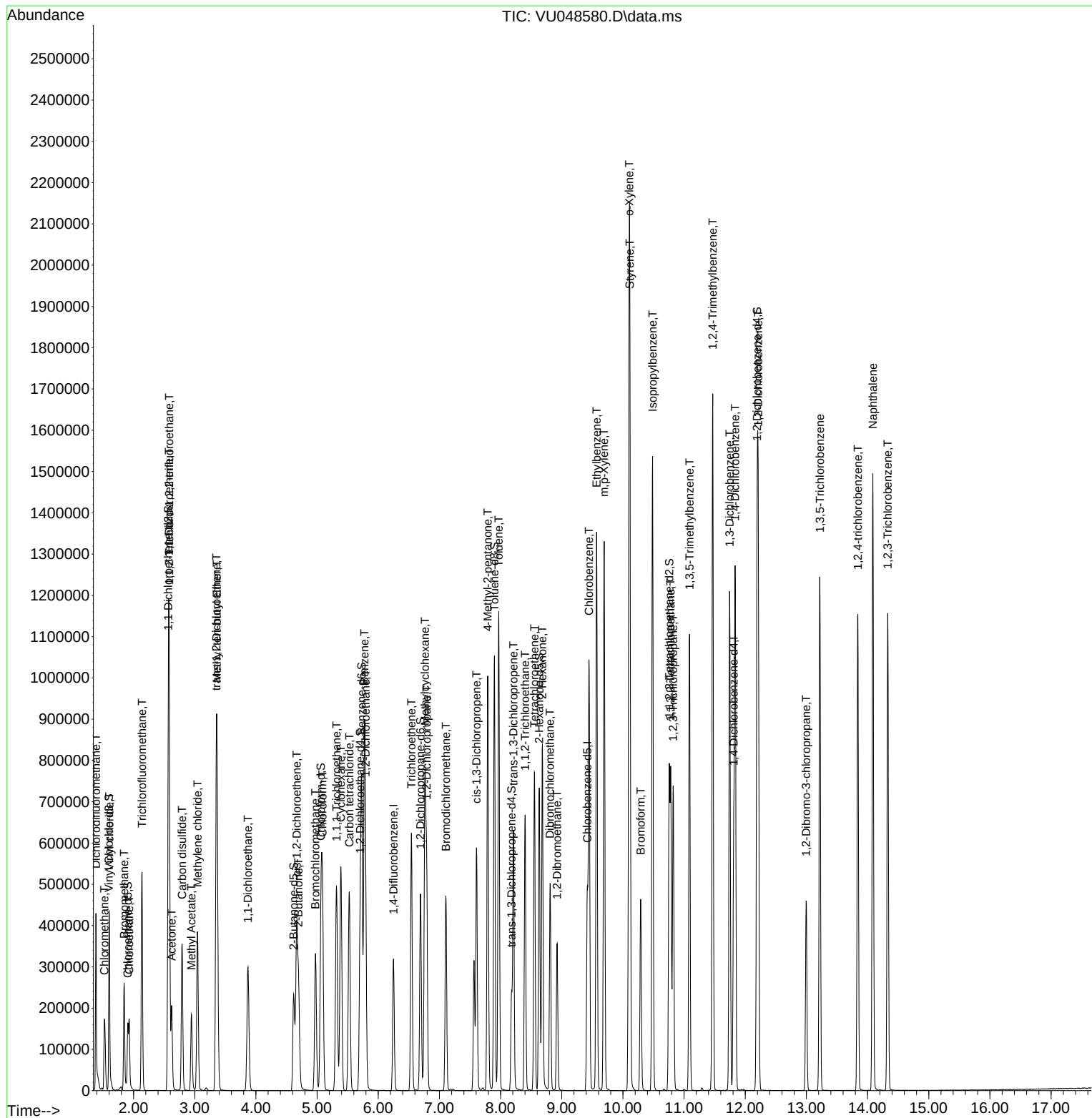
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	197486	89.621	ug/L	97
46) Tetrachloroethene	8.552	164	171102	102.708	ug/L	98
48) 2-Hexanone	8.684	43	477225	151.855	ug/L	99
49) Dibromochloromethane	8.809	129	260875	106.321	ug/L	98
50) 1,2-Dibromoethane	8.925	107	229990	97.787	ug/L #	96
51) Chlorobenzene	9.446	112	556531	96.643	ug/L	100
52) Ethylbenzene	9.571	91	939557	99.229	ug/L	100
53) m,p-Xylene	9.693	106	375211	101.696	ug/L	100
54) o-Xylene	10.102	106	368104	100.254	ug/L	99
55) Styrene	10.115	104	643177	106.496	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	342368	85.036	ug/L	98
59) Bromoform	10.291	173	213361	93.959	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	299103	75.024	ug/L	97
61) Isopropylbenzene	10.484	105	991043	90.199	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	591133	96.824	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	915484	100.358	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	492368	94.008	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	495285	93.960	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	493527	92.538	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	121340	98.986	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	385030	101.603	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	359015	106.672	ug/L	99
71) Naphthalene	14.086	128	1184439	92.906	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	354037	100.082	ug/L	99

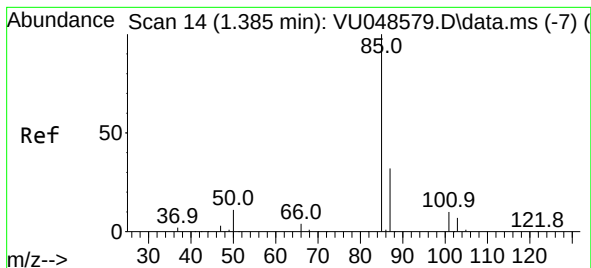
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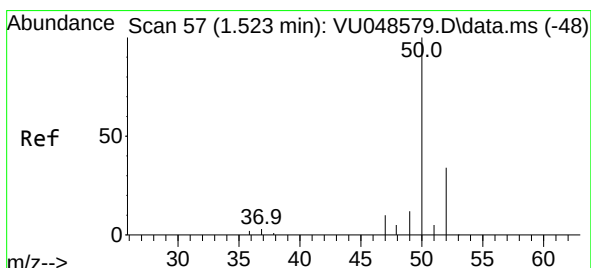
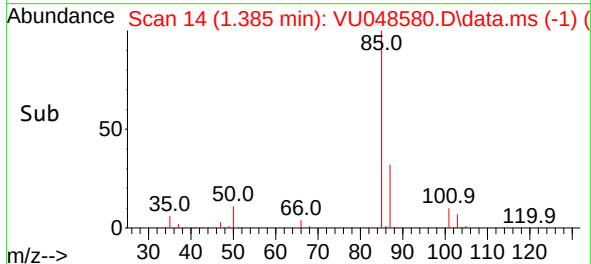
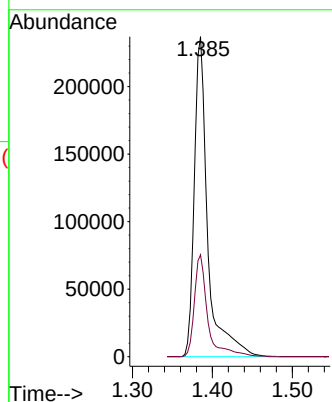
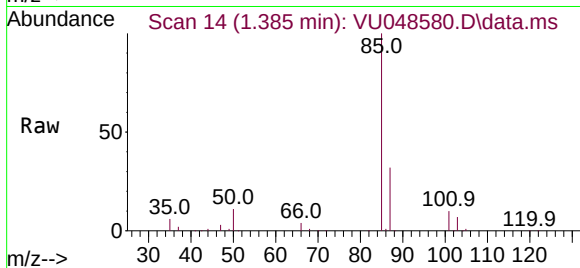




#2
Dichlorodifluoromethane
Concen: 113.727 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

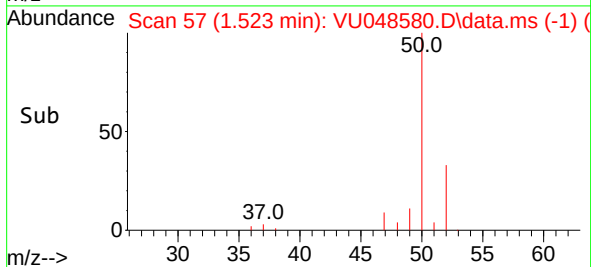
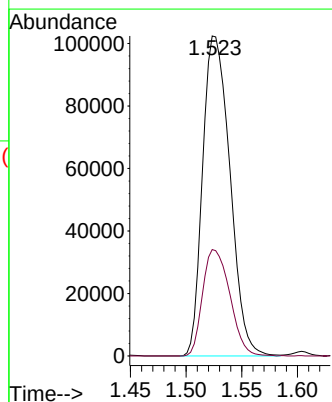
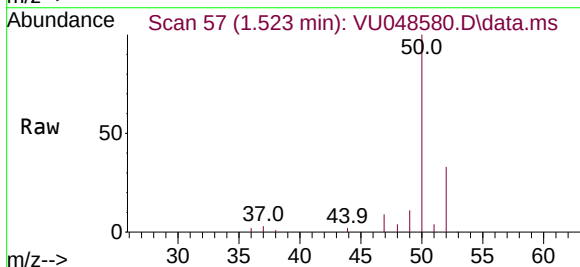
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

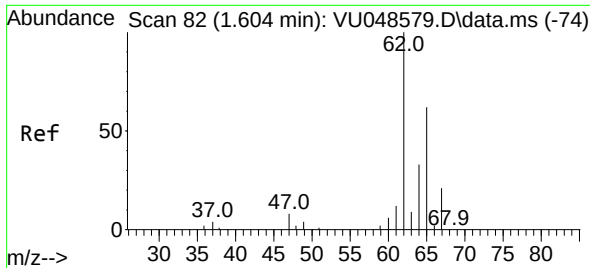
Tgt Ion: 85 Resp: 276427
Ion Ratio Lower Upper
85 100
87 31.8 25.4 38.2



#3
Chloromethane
Concen: 70.737 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion: 50 Resp: 174772
Ion Ratio Lower Upper
50 100
52 33.2 23.8 44.2

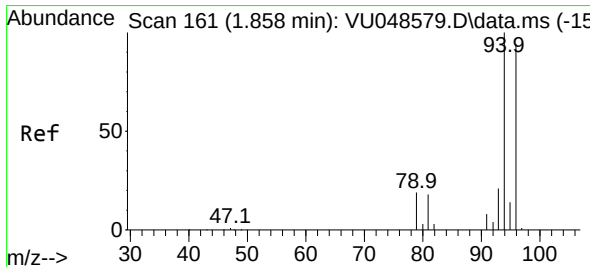
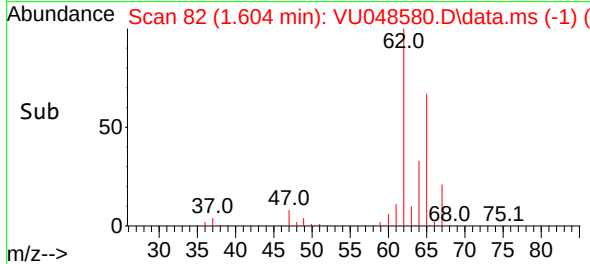
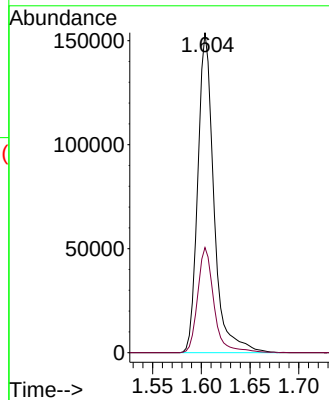
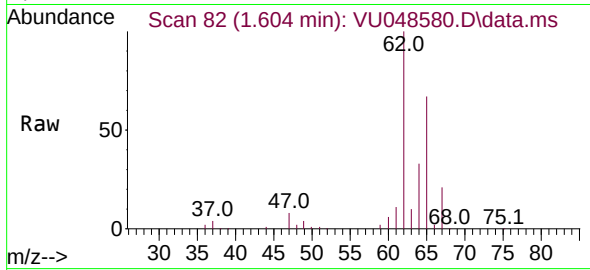




#5
 Vinyl chloride
 Concen: 74.090 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048580.D
 Acq: 16 May 2022 13:51

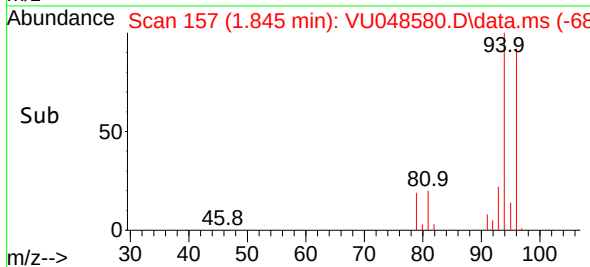
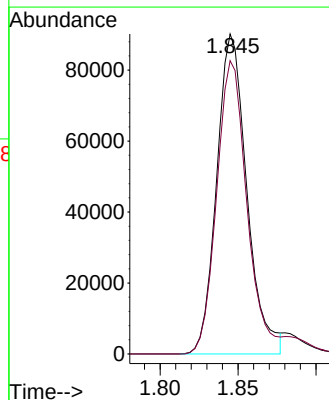
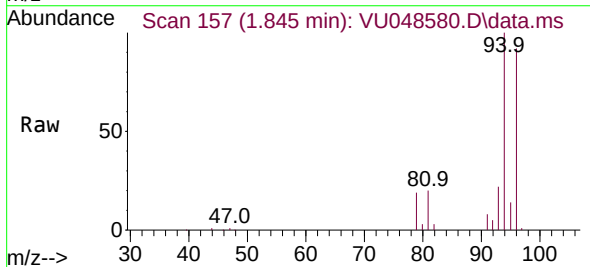
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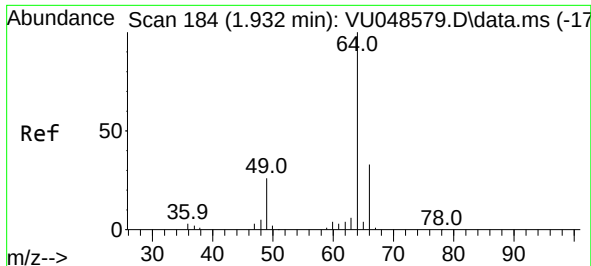
Tgt Ion: 62 Resp: 177266
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 97.239 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.013 min
 Lab File: VU048580.D
 Acq: 16 May 2022 13:51

Tgt Ion: 94 Resp: 121309
 Ion Ratio Lower Upper
 94 100
 96 91.7 65.7 121.9

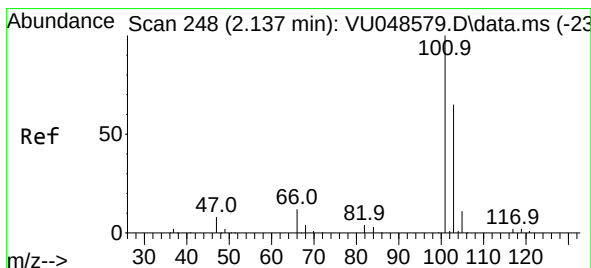
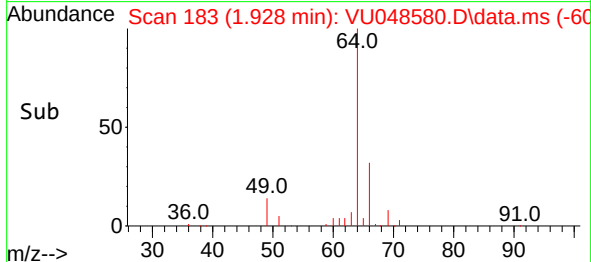
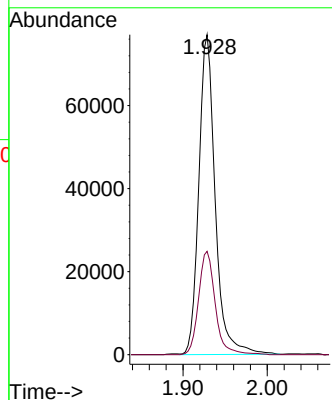
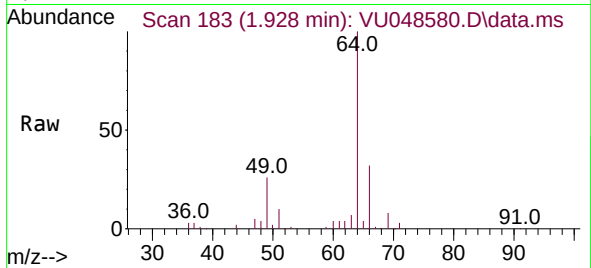




#8
Chloroethane
Concen: 80.117 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

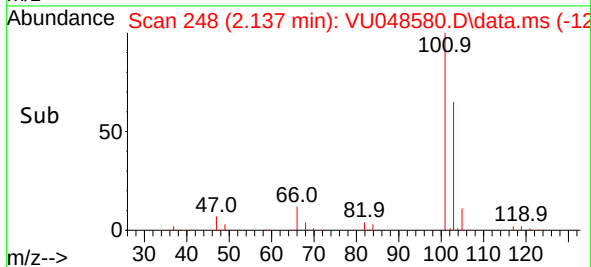
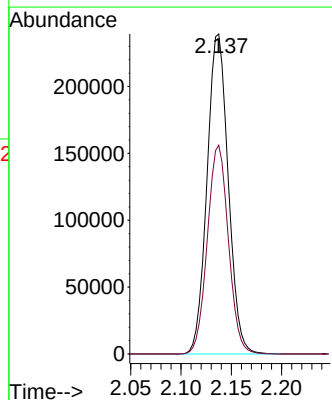
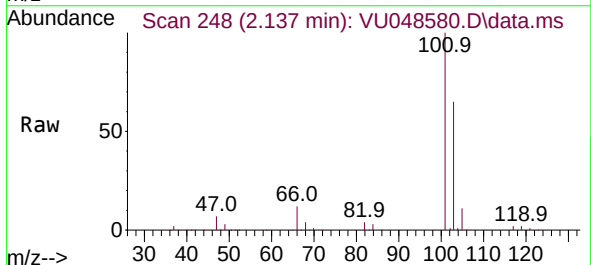
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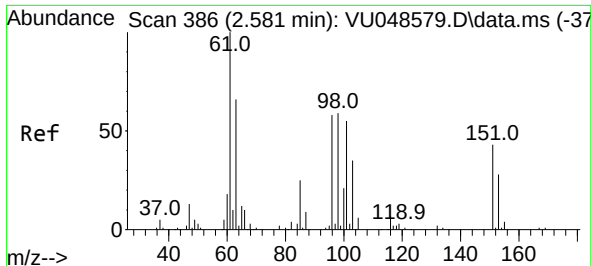
Tgt Ion: 64 Resp: 104125
Ion Ratio Lower Upper
64 100
66 32.3 23.1 42.9



#9
Trichlorofluoromethane
Concen: 103.614 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion:101 Resp: 351036
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

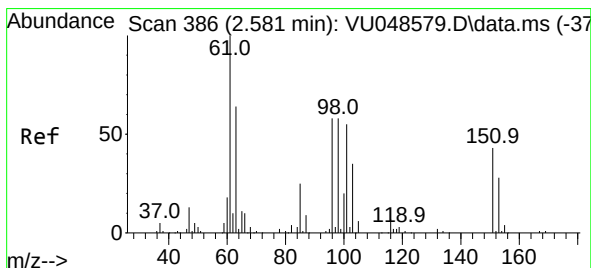
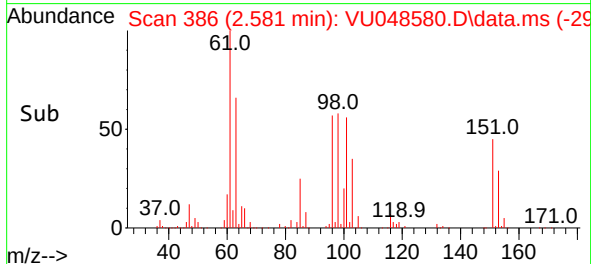
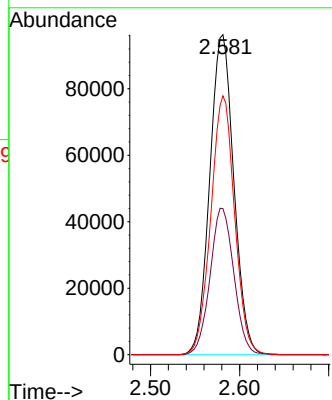
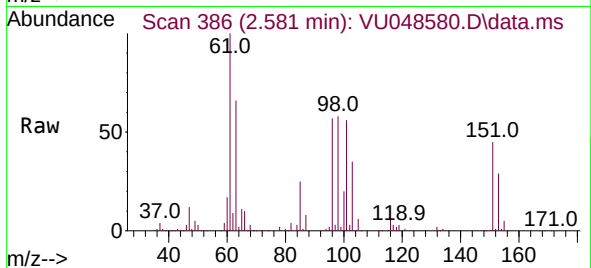




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 94.827 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU048580.D
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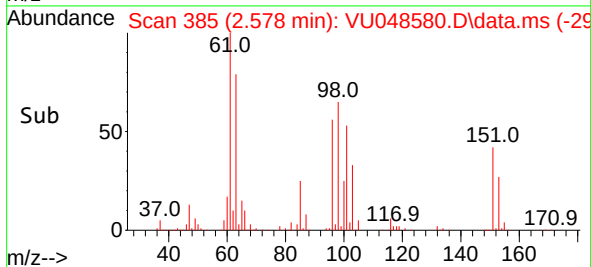
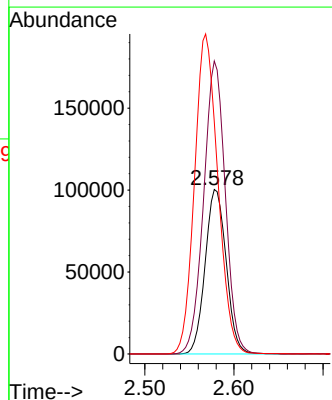
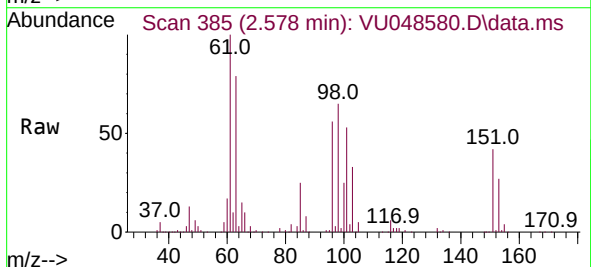
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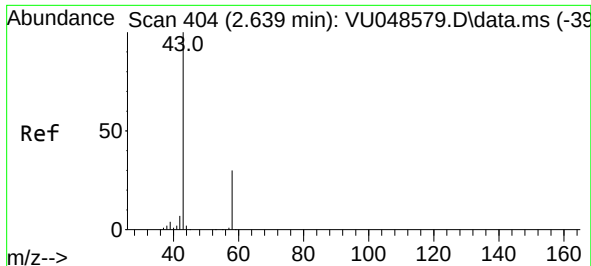
Tgt Ion:101 Resp: 180657
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.7 53.5
 151 80.0 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 92.523 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU048580.D
 Acq: 16 May 2022 13:51

Tgt Ion: 96 Resp: 164751
 Ion Ratio Lower Upper
 96 100
 61 178.1 120.6 224.0
 63 141.2 82.3 152.9





#13

Acetone

Concen: 150.691 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.016 min

Lab File: VU048580.D

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ClientSampleId :

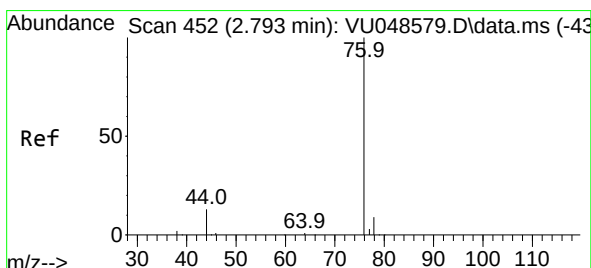
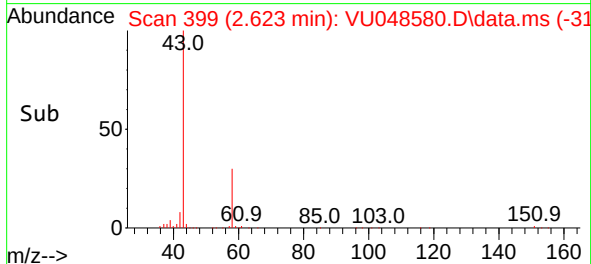
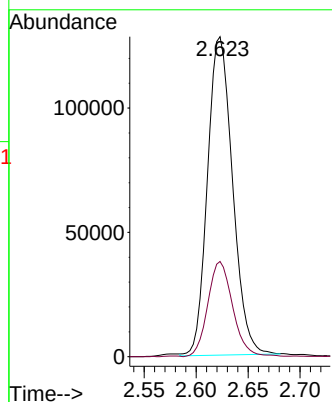
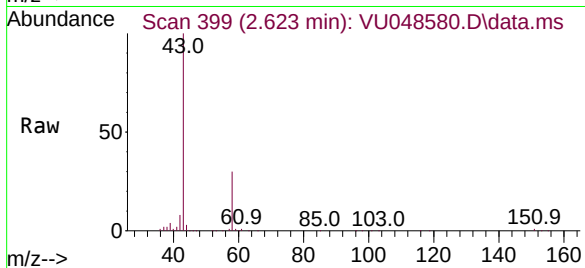
VSTD100071

Tgt Ion: 43 Resp: 215071

Ion Ratio Lower Upper

43 100

58 29.8 0.0 59.8



#14

Carbon disulfide

Concen: 85.060 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU048580.D

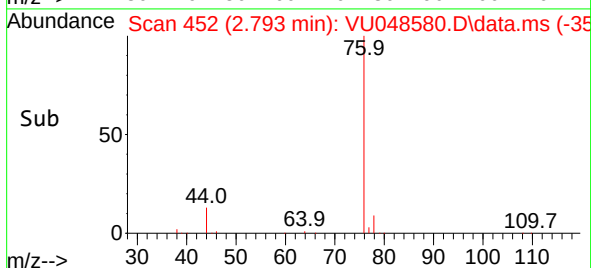
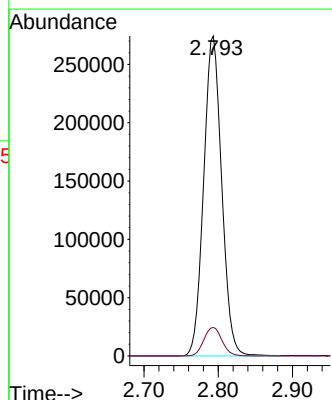
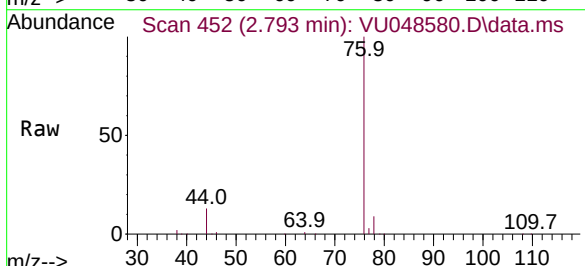
Acq: 16 May 2022 13:51

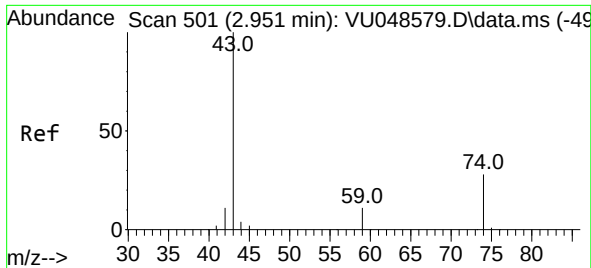
Tgt Ion: 76 Resp: 462019

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

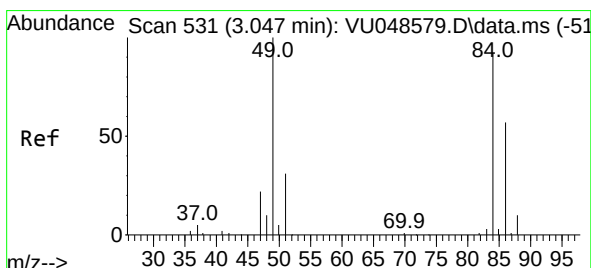
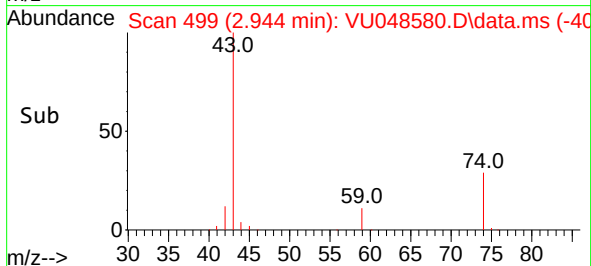
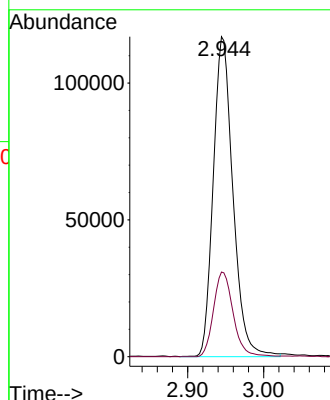
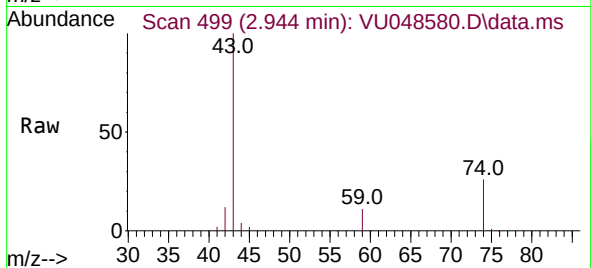




#15
Methyl Acetate
Concen: 76.041 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.006 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

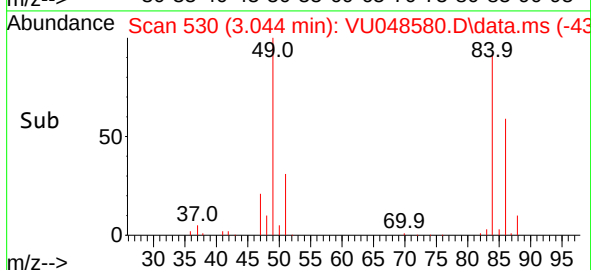
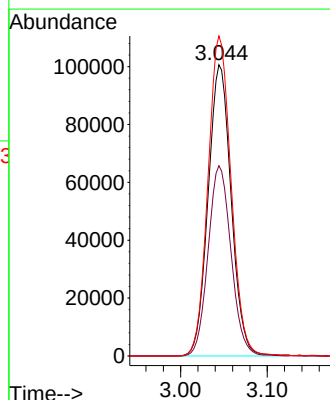
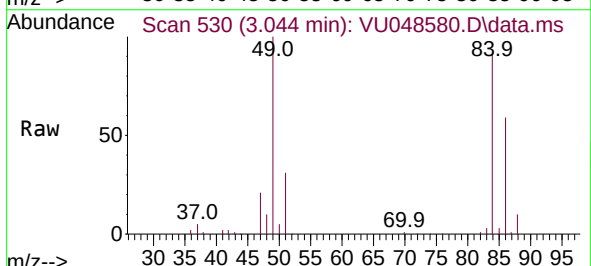
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

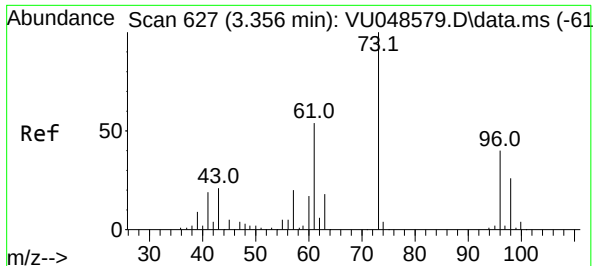
Tgt Ion: 43 Resp: 210084
Ion Ratio Lower Upper
43 100
74 26.4 21.7 32.5



#16
Methylene chloride
Concen: 86.422 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion: 84 Resp: 185879
Ion Ratio Lower Upper
84 100
86 65.4 43.5 80.9
49 109.9 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 92.340 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD100071

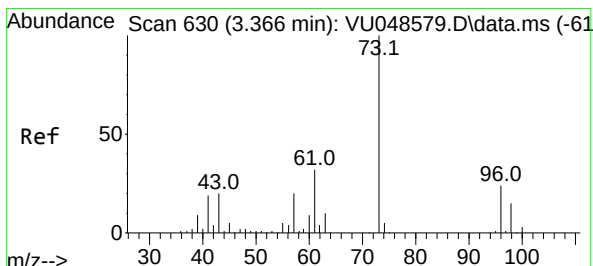
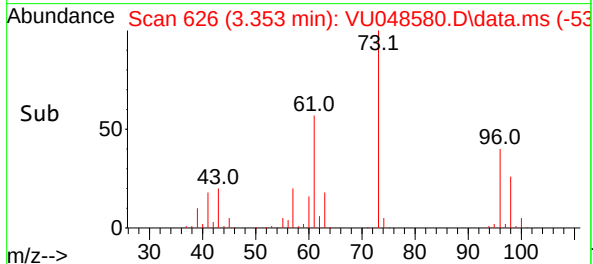
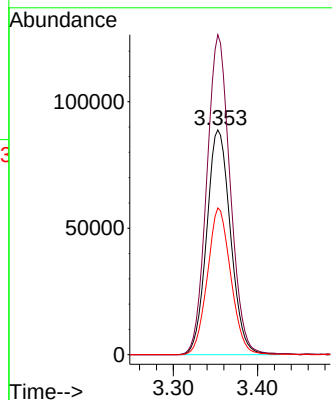
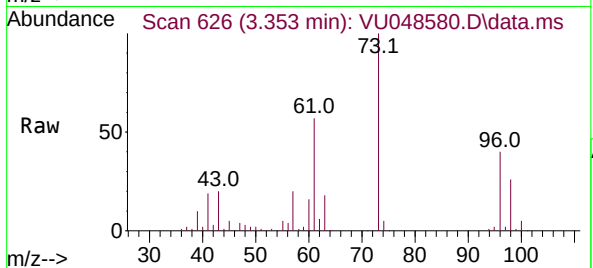
Tgt Ion: 96 Resp: 175036

Ion Ratio Lower Upper

96 100

61 142.4 94.2 175.0

98 65.3 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 99.224 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

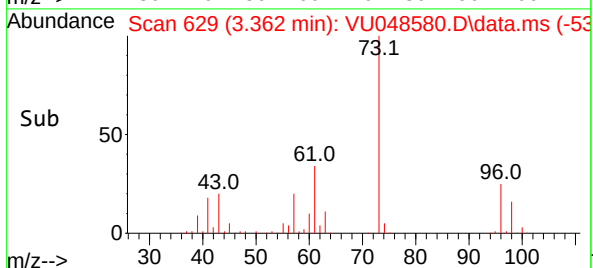
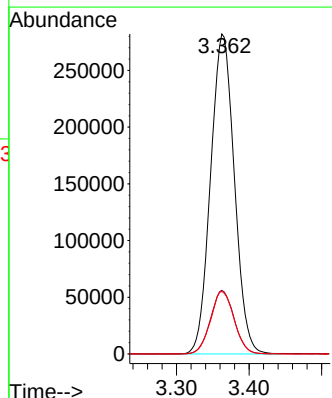
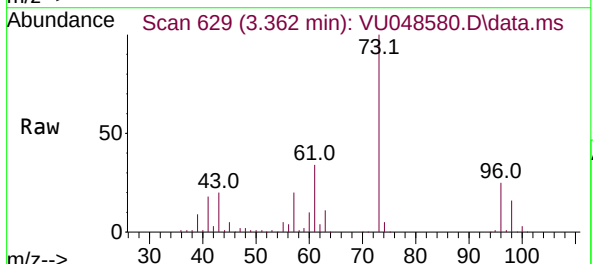
Tgt Ion: 73 Resp: 641998

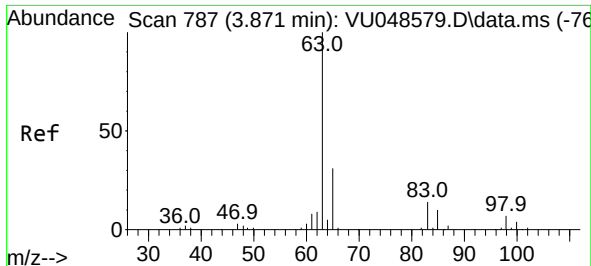
Ion Ratio Lower Upper

73 100

43 19.8 16.2 24.4

57 19.4 15.7 23.5





#19

1,1-Dichloroethane

Concen: 85.582 ug/L

RT: 3.870 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD100071

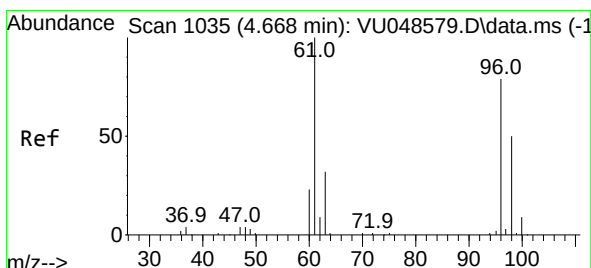
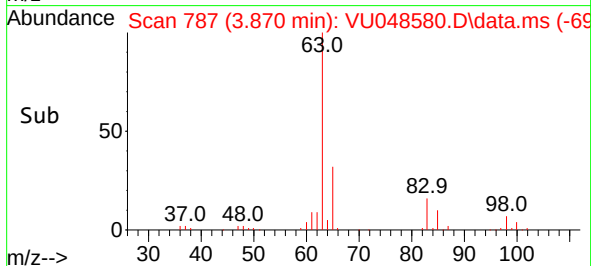
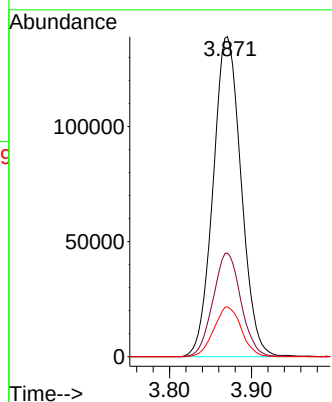
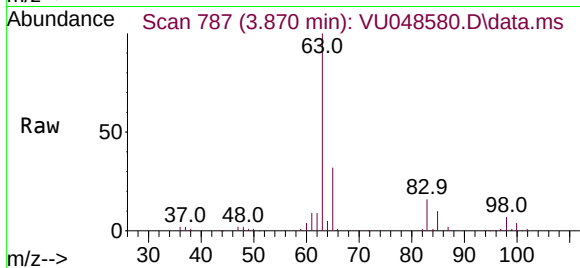
Tgt Ion: 63 Resp: 330446

Ion Ratio Lower Upper

63 100

65 32.4 21.8 40.6

83 15.6 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 94.060 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

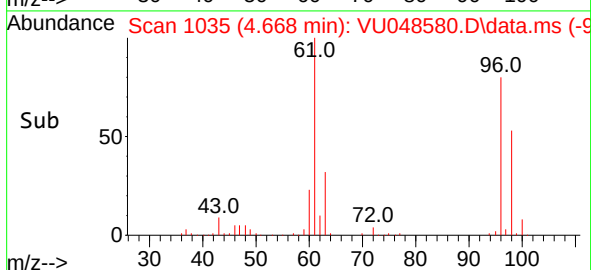
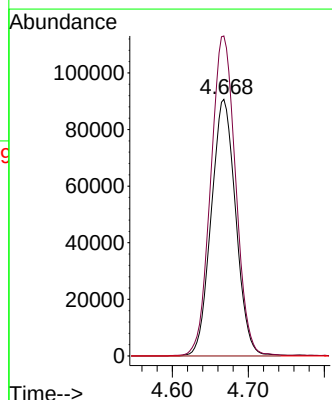
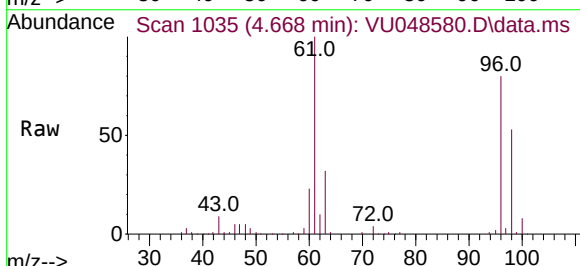
Tgt Ion: 96 Resp: 202985

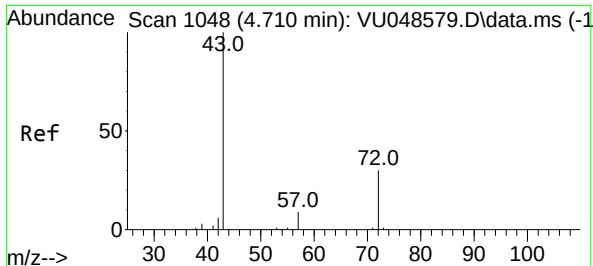
Ion Ratio Lower Upper

96 100

61 124.7 88.3 164.1

68 0.0 0.0 0.0

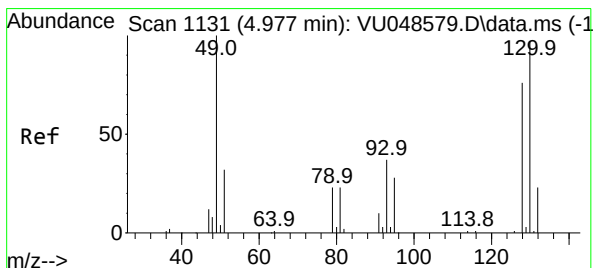
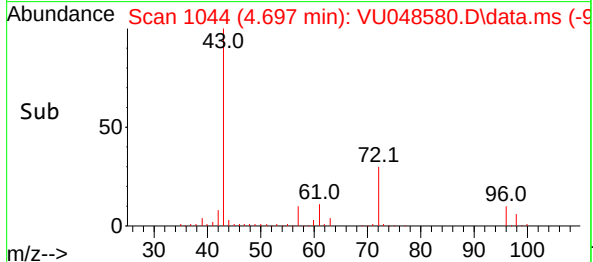
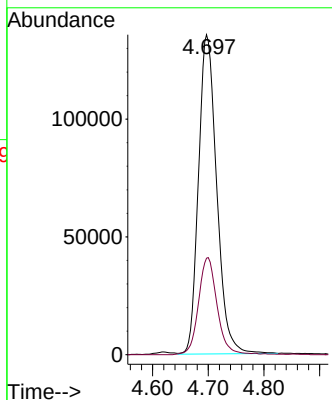
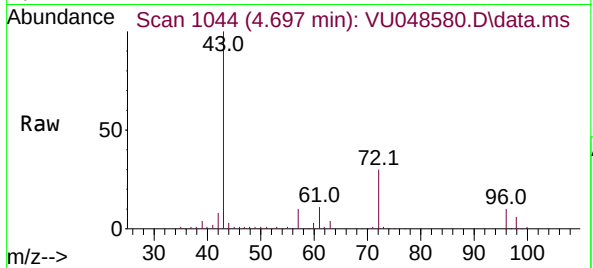




#22
2-Butanone
Concen: 150.993 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.013 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

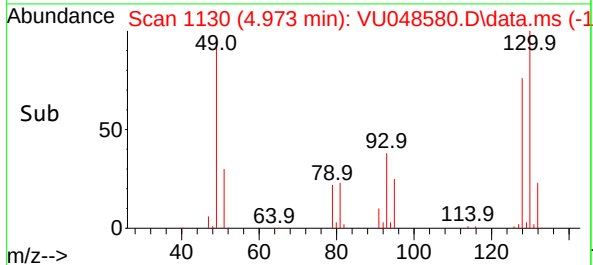
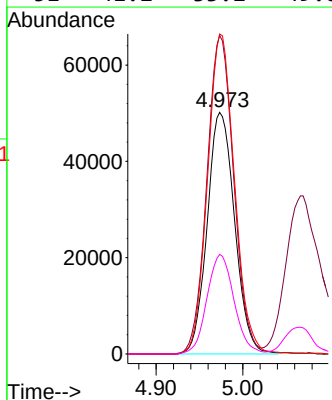
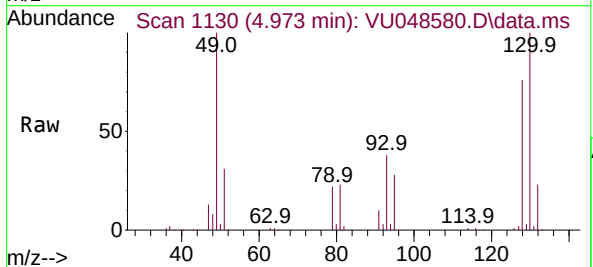
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

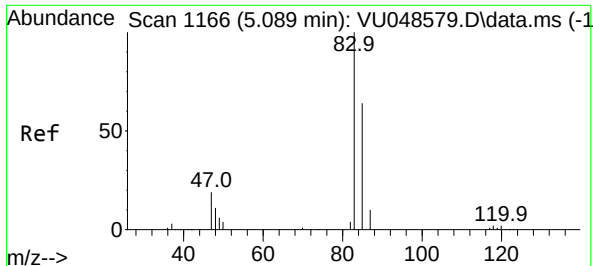
Tgt Ion: 43 Resp: 308694
Ion Ratio Lower Upper
43 100
72 30.8 15.4 46.2



#23
Bromochloromethane
Concen: 96.015 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion:128 Resp: 110533
Ion Ratio Lower Upper
128 100
49 131.9 91.9 170.7
130 132.4 88.4 164.2
51 41.2 33.2 49.8





#25

Chloroform

Concen: 97.759 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

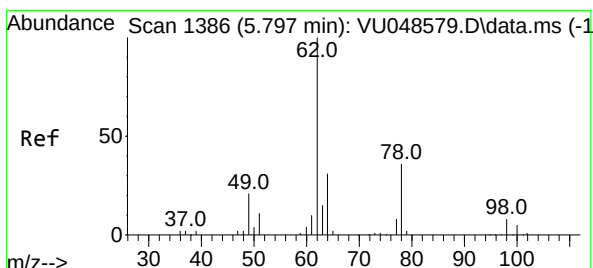
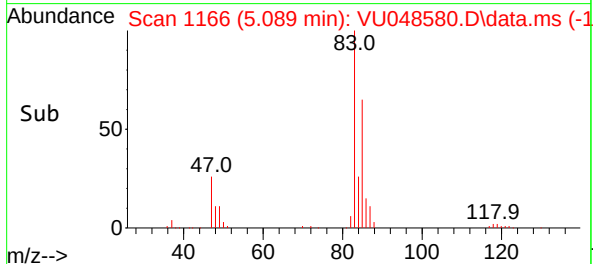
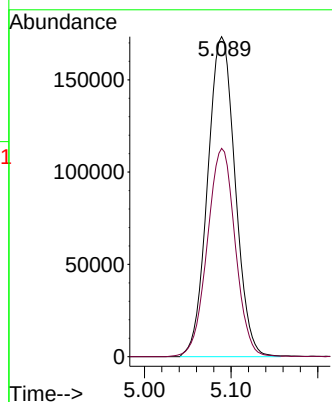
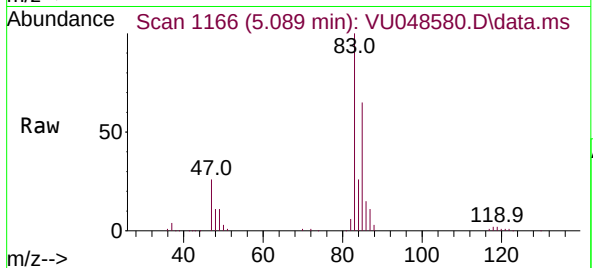
VSTD100071

Tgt Ion: 83 Resp: 383610

Ion Ratio Lower Upper

83 100

85 65.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 100.642 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048580.D

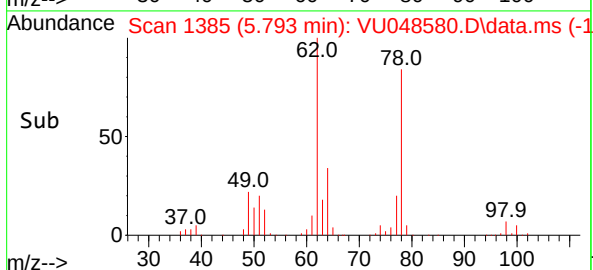
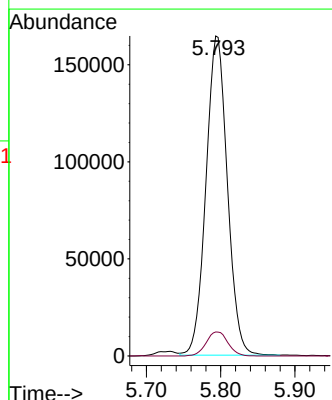
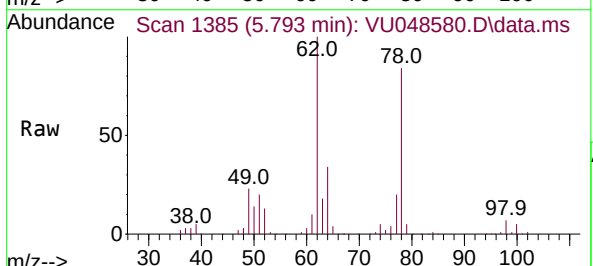
Acq: 16 May 2022 13:51

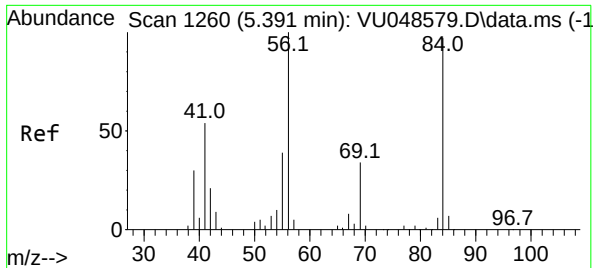
Tgt Ion: 62 Resp: 328275

Ion Ratio Lower Upper

62 100

98 7.5 6.0 9.0





#29

Cyclohexane

Concen: 79.272 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD100071

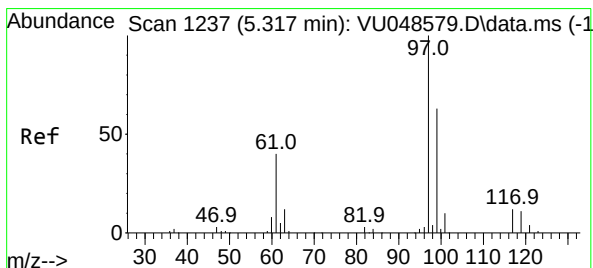
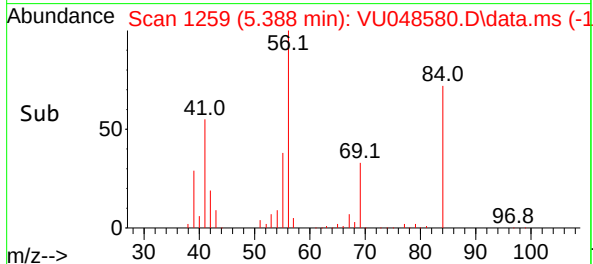
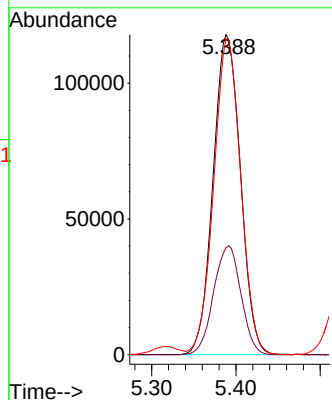
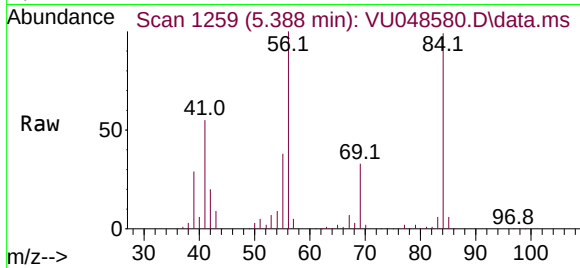
Tgt Ion: 56 Resp: 265540

Ion Ratio Lower Upper

56 100

69 34.0 26.5 39.7

84 97.5 78.0 117.0



#30

1,1,1-Trichloroethane

Concen: 104.295 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

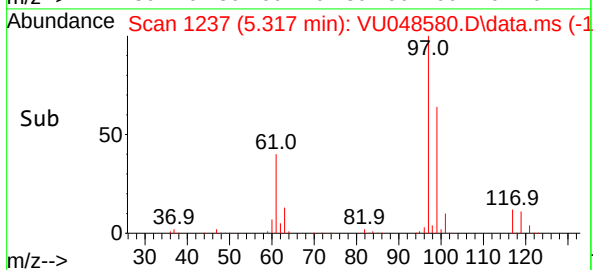
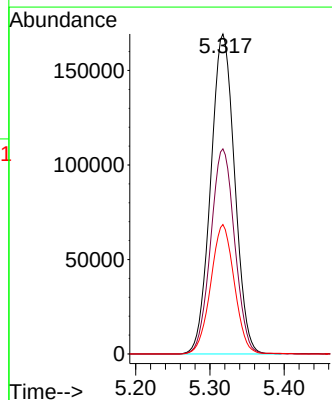
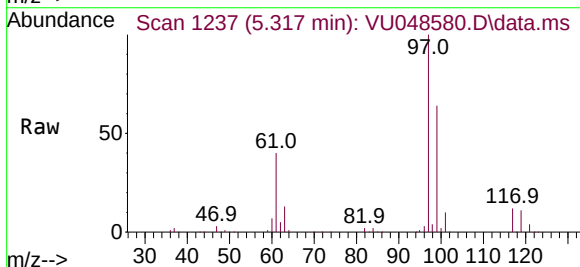
Tgt Ion: 97 Resp: 379333

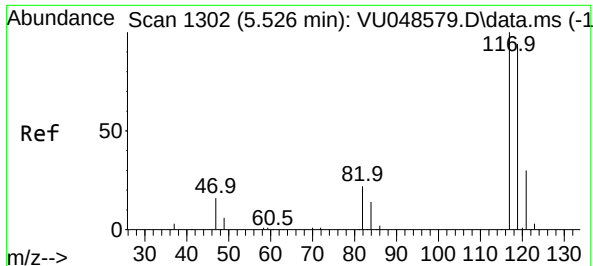
Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 39.8 32.6 48.8

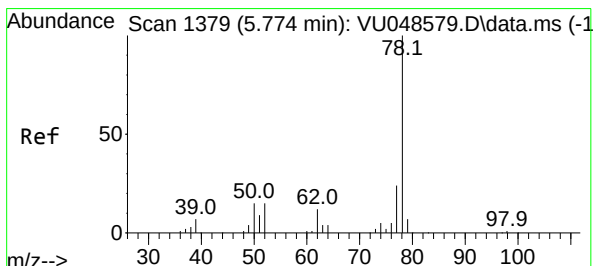
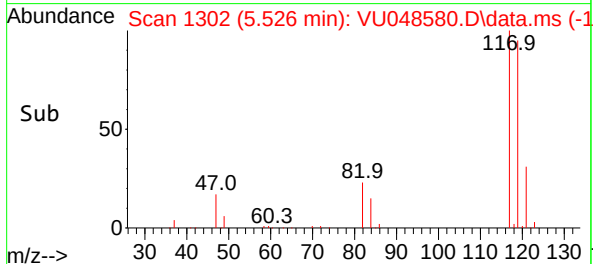
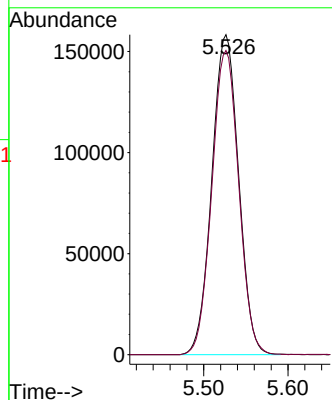
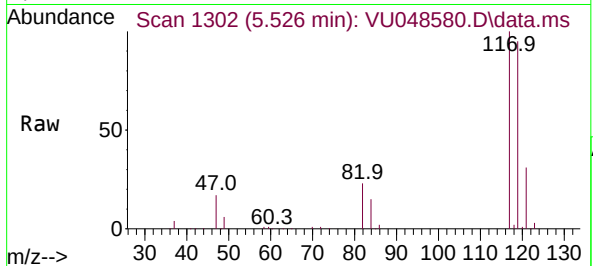




#31
Carbon tetrachloride
Concen: 110.350 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

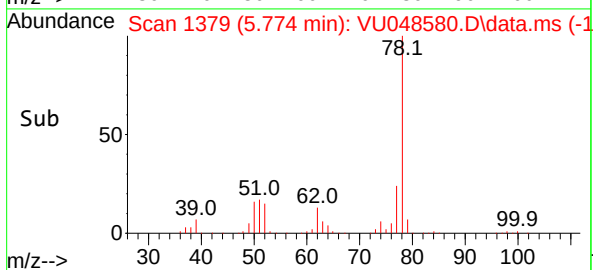
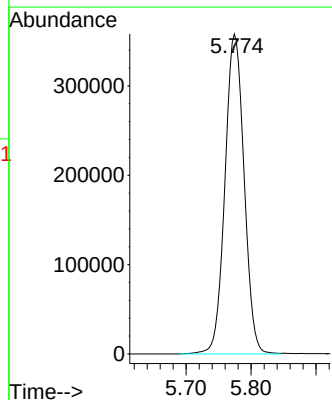
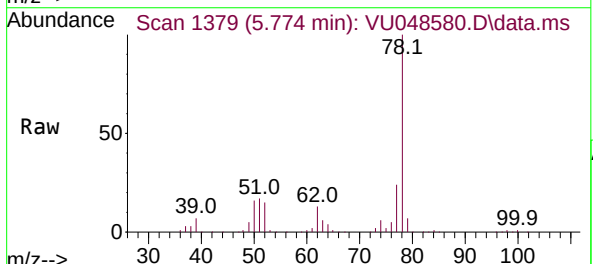
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

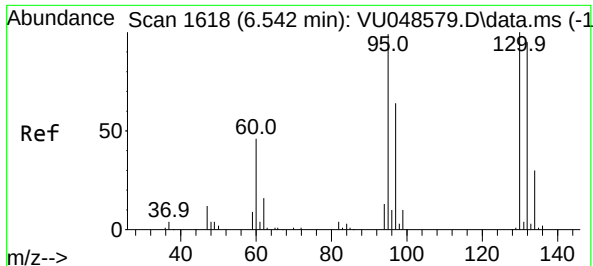
Tgt Ion:117 Resp: 349427
Ion Ratio Lower Upper
117 100
119 95.4 76.0 114.0



#33
Benzene
Concen: 85.282 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion: 78 Resp: 732205

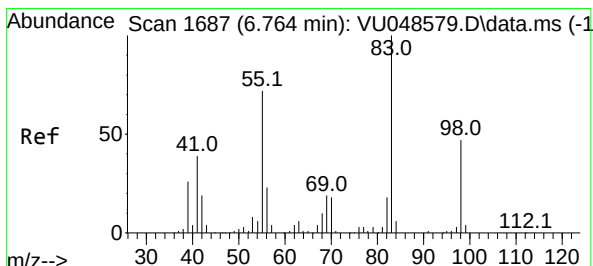
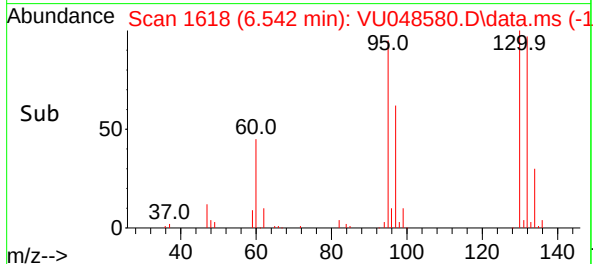
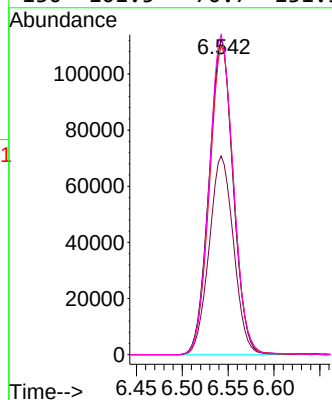
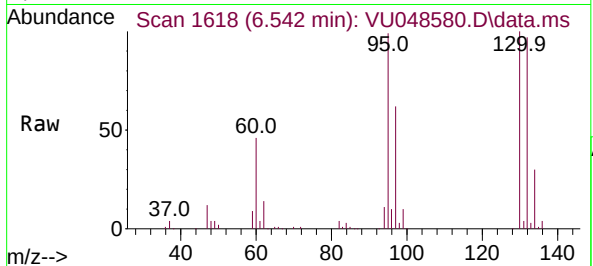




#34
Trichloroethene
Concen: 94.618 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

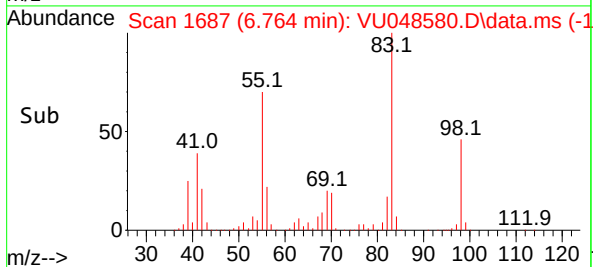
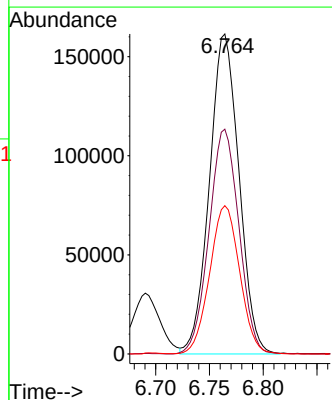
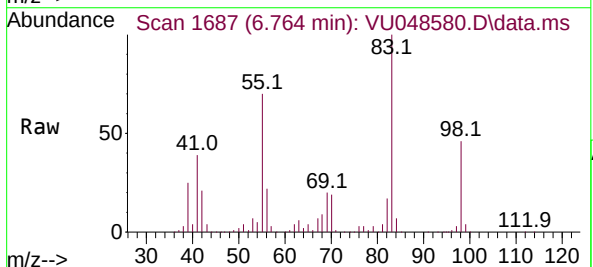
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

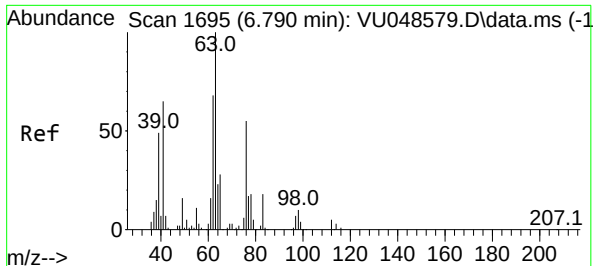
Tgt Ion: 95 Resp: 205888
Ion Ratio Lower Upper
95 100
97 63.0 45.2 84.0
132 98.0 67.3 124.9
130 101.5 70.7 131.3



#35
Methylcyclohexane
Concen: 91.391 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion: 83 Resp: 309030
Ion Ratio Lower Upper
83 100
55 71.2 56.2 84.4
98 47.1 38.2 57.2

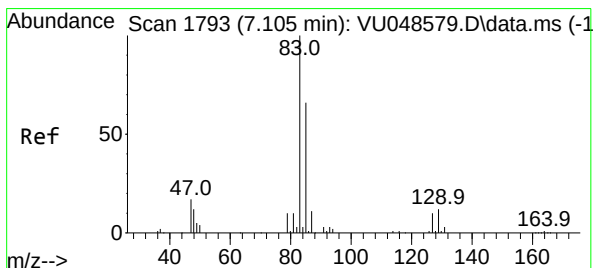
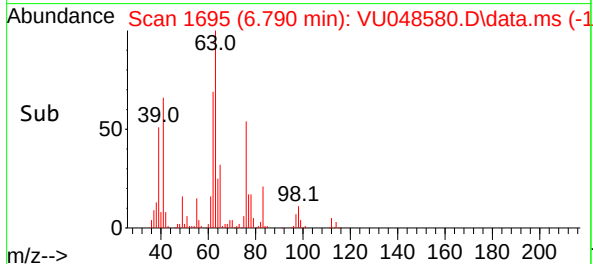
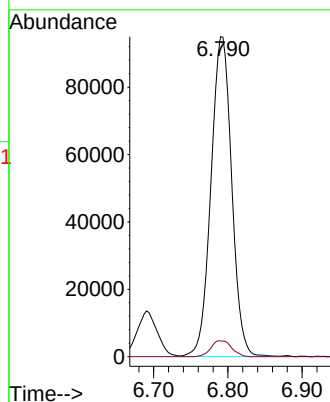
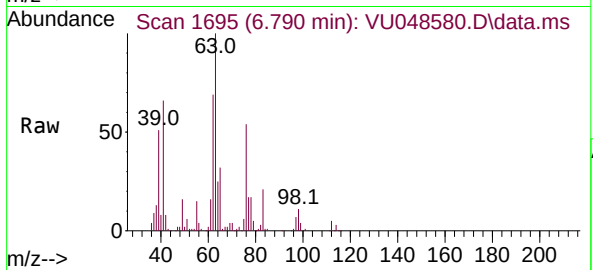




#37
1,2-Dichloropropane
Concen: 78.274 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

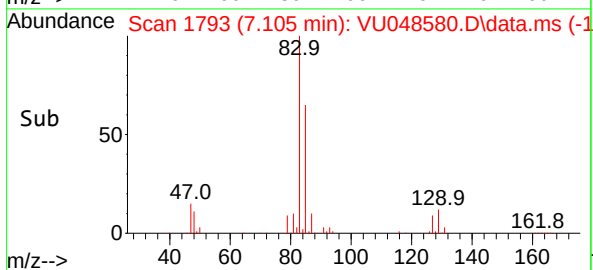
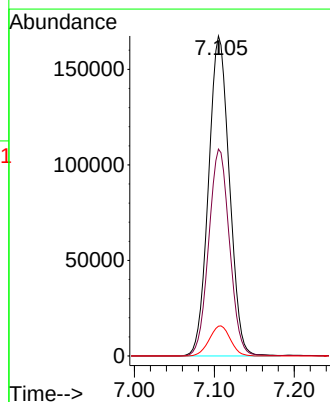
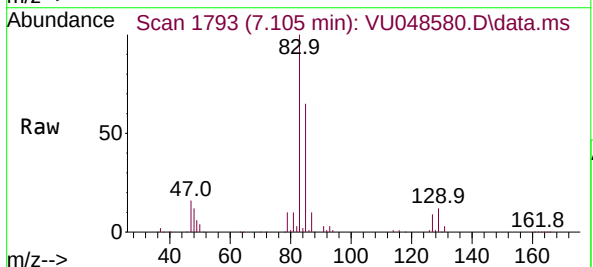
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

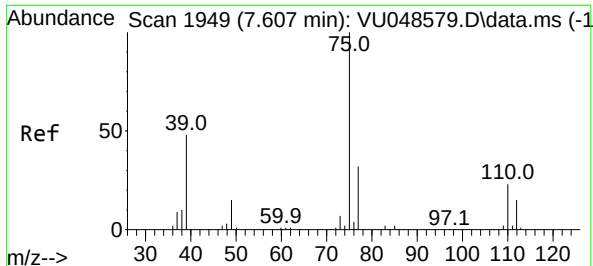
Tgt Ion: 63 Resp: 183861
Ion Ratio Lower Upper
63 100
112 5.0 3.7 5.5



#38
Bromodichloromethane
Concen: 100.396 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion: 83 Resp: 303872
Ion Ratio Lower Upper
83 100
85 64.6 46.1 85.5
127 9.3 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 96.542 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

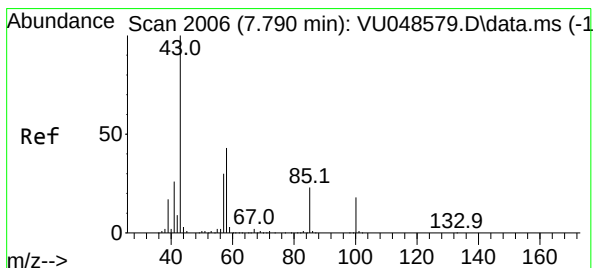
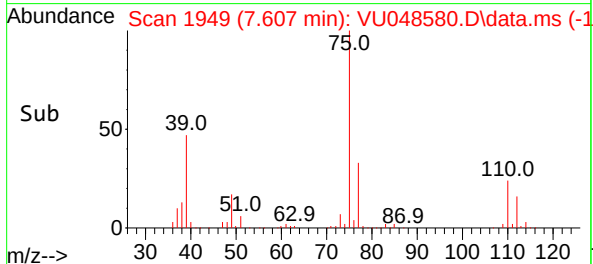
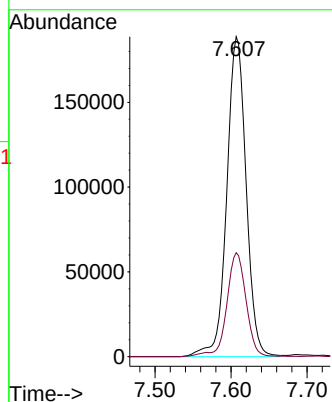
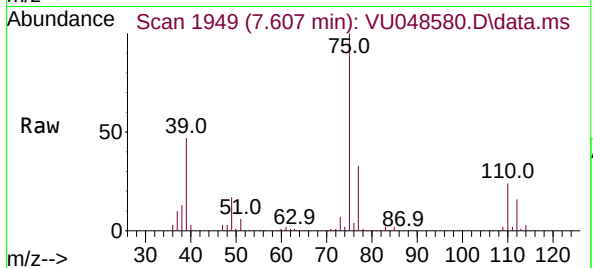
VSTD100071

Tgt Ion: 75 Resp: 333502

Ion Ratio Lower Upper

75 100

77 32.5 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 154.186 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

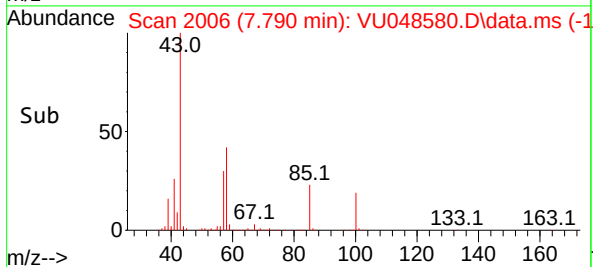
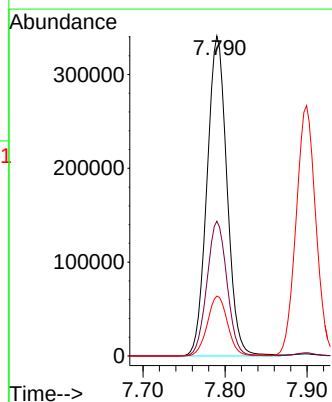
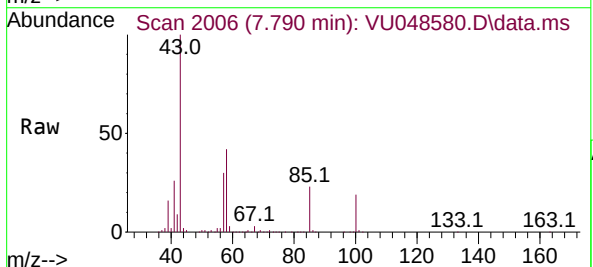
Tgt Ion: 43 Resp: 578224

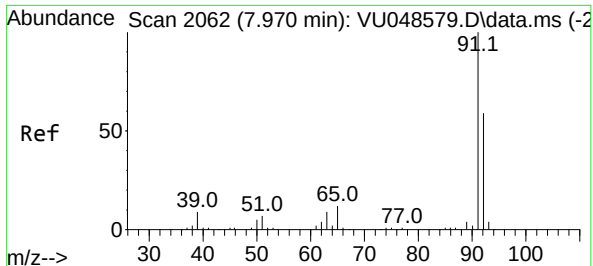
Ion Ratio Lower Upper

43 100

58 42.4 34.3 51.5

100 18.8 14.7 22.1





#42

Toluene

Concen: 91.050 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

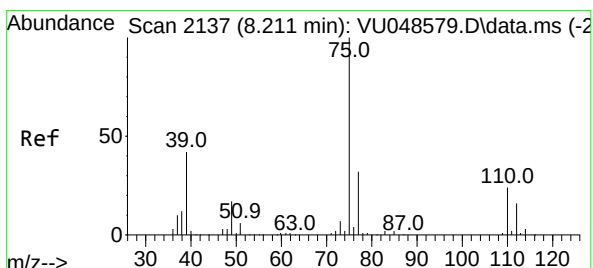
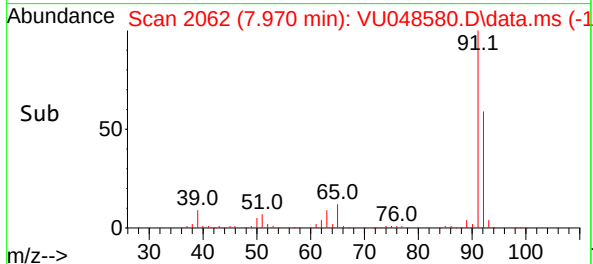
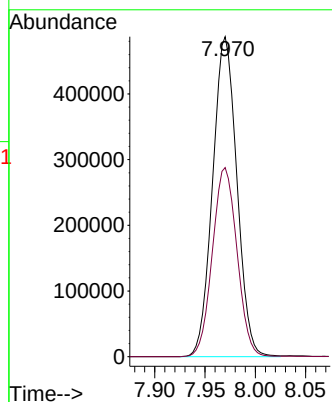
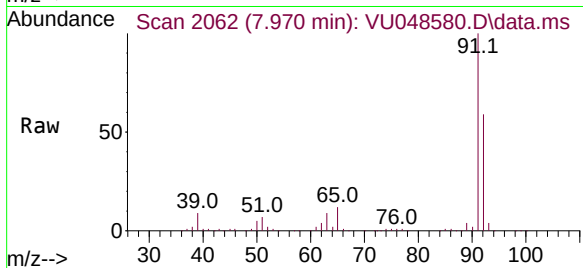
VSTD100071

Tgt Ion: 91 Resp: 817035

Ion Ratio Lower Upper

91 100

92 59.1 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 102.448 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048580.D

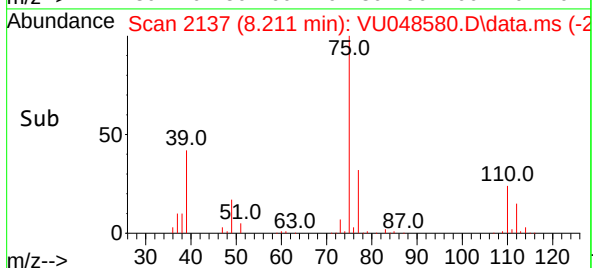
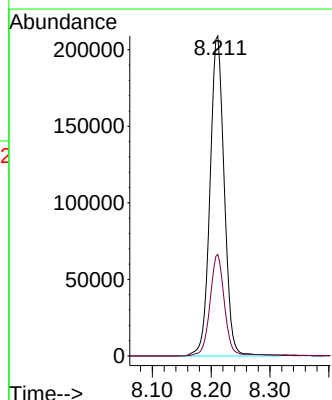
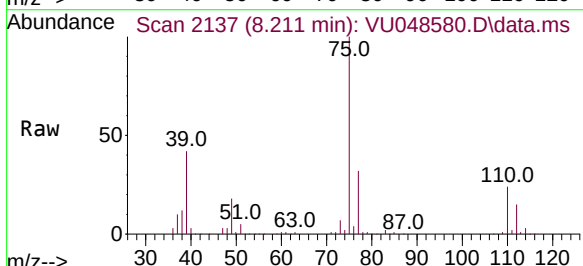
Acq: 16 May 2022 13:51

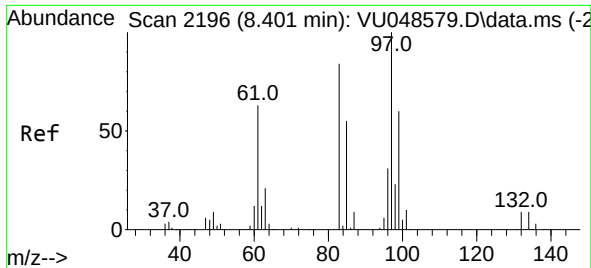
Tgt Ion: 75 Resp: 351847

Ion Ratio Lower Upper

75 100

77 31.8 22.7 42.1

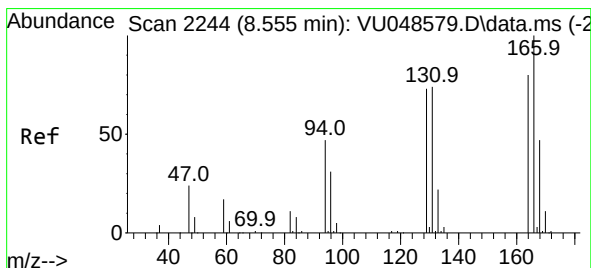
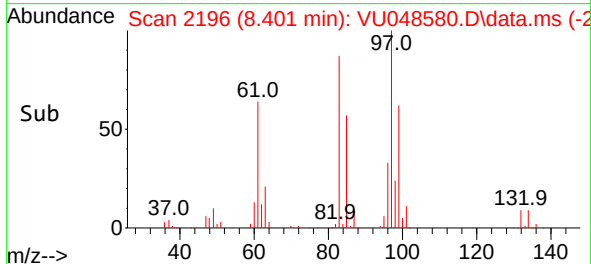
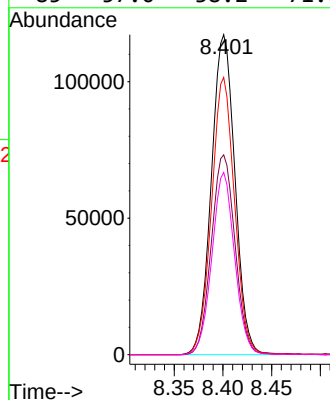
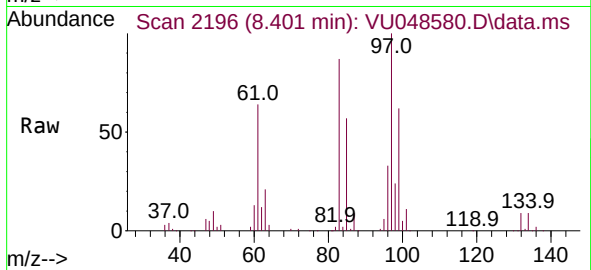




#45
1,1,2-Trichloroethane
Concen: 89.621 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

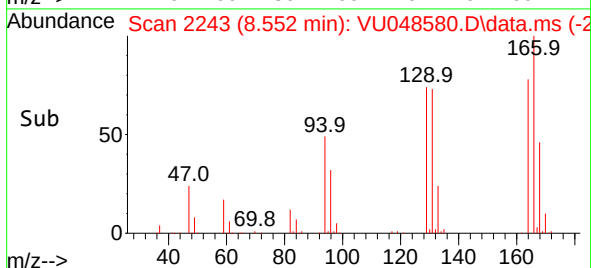
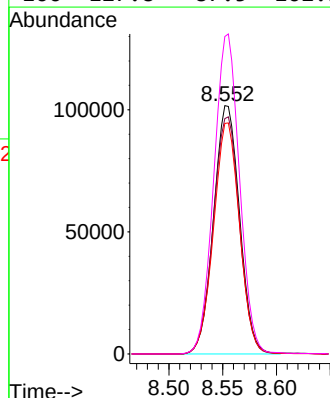
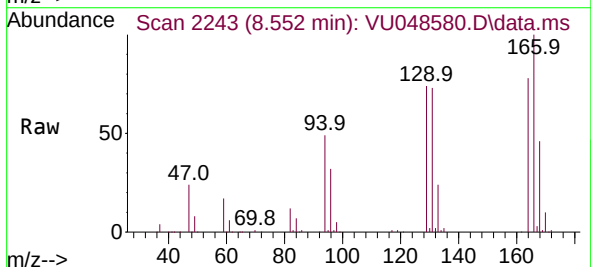
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

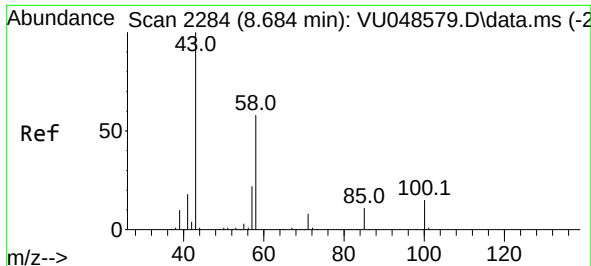
Tgt Ion:	97	Resp:	197486
Ion	Ratio	Lower	Upper
97	100		
99	62.5	42.2	78.4
83	86.6	58.4	108.6
85	57.0	38.2	71.0



#46
Tetrachloroethene
Concen: 102.708 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion:	164	Resp:	171102
Ion	Ratio	Lower	Upper
164	100		
129	94.8	64.3	119.3
131	92.9	64.5	119.7
166	127.8	87.5	162.5

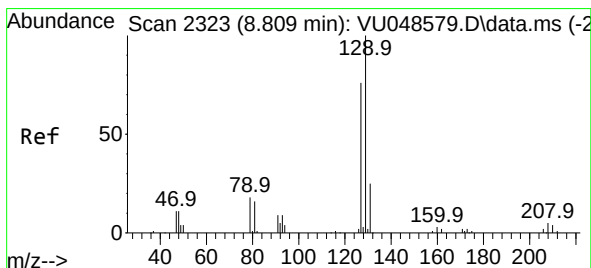
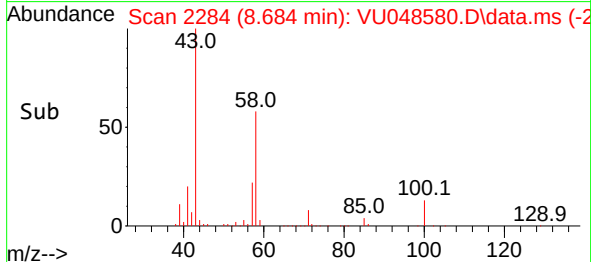
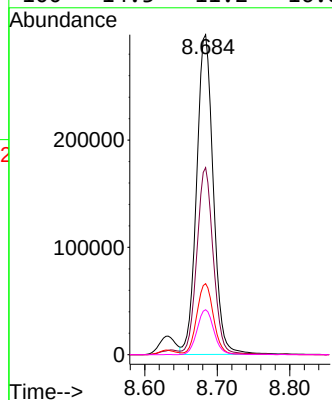
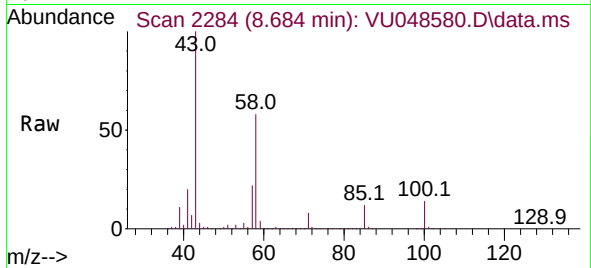




#48
2-Hexanone
Concen: 151.855 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

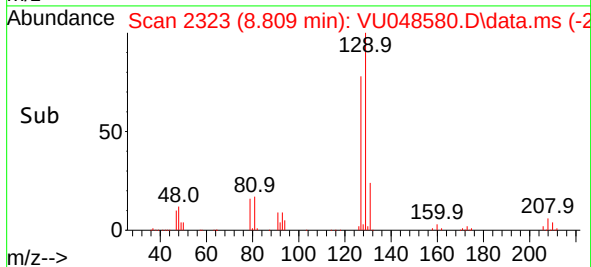
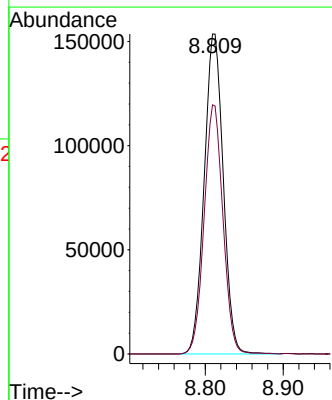
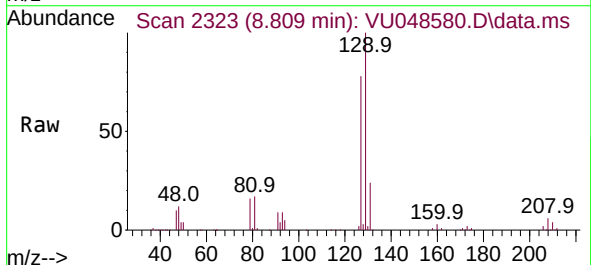
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

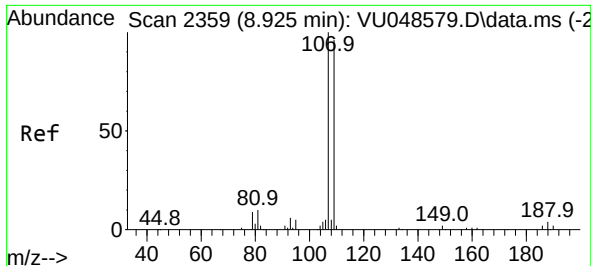
Tgt Ion: 43 Resp: 477225
Ion Ratio Lower Upper
43 100
58 56.6 45.8 68.6
57 21.7 16.8 25.2
100 14.3 11.2 16.8



#49
Dibromochloromethane
Concen: 106.321 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion: 129 Resp: 260875
Ion Ratio Lower Upper
129 100
127 77.9 53.1 98.5





#50

1,2-Dibromoethane

Concen: 97.787 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD100071

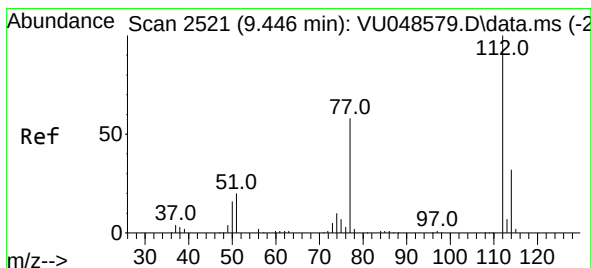
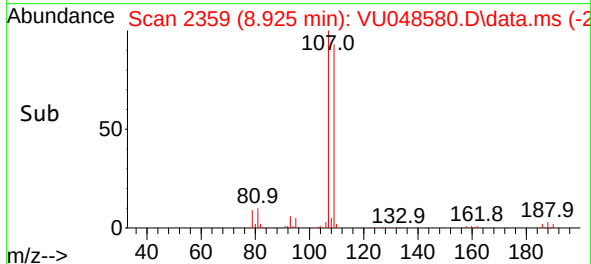
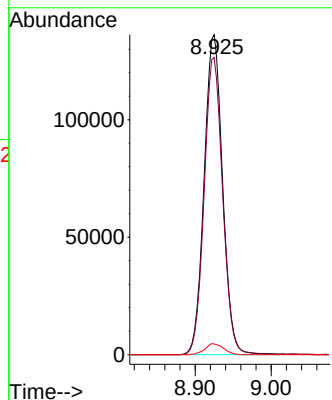
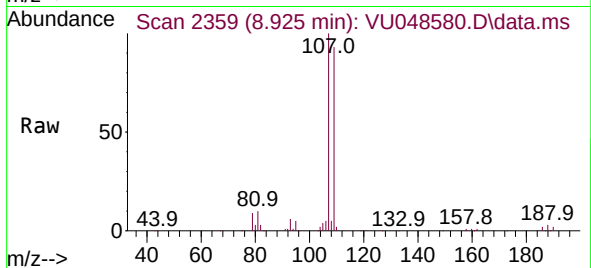
Tgt Ion:107 Resp: 229990

Ion Ratio Lower Upper

107 100

109 92.9 67.5 125.3

188 3.3 3.4 5.2#



#51

Chlorobenzene

Concen: 96.643 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

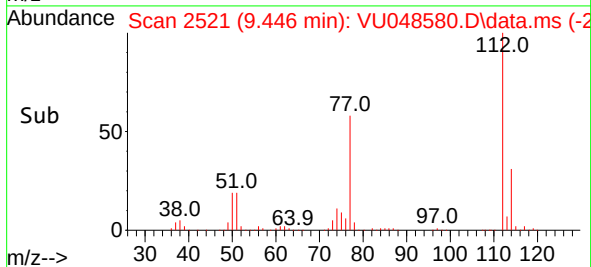
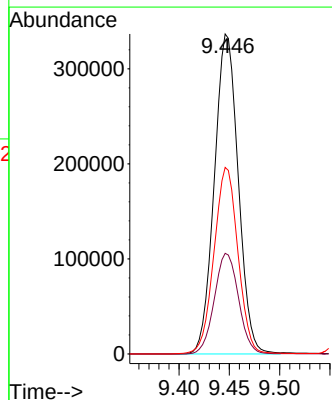
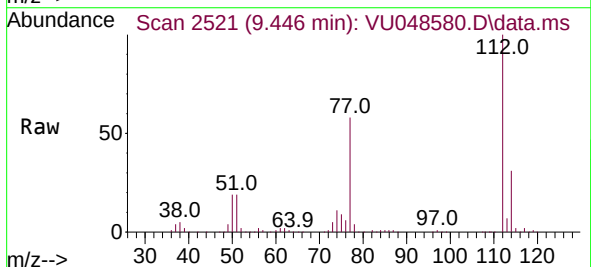
Tgt Ion:112 Resp: 556531

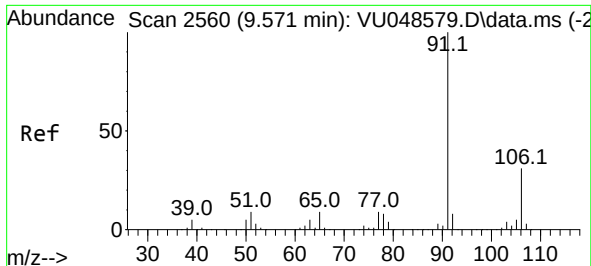
Ion Ratio Lower Upper

112 100

114 31.4 22.3 41.5

77 58.3 46.5 69.7

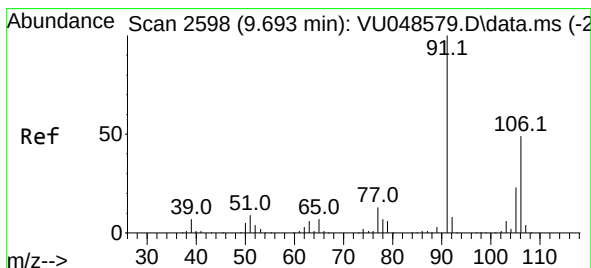
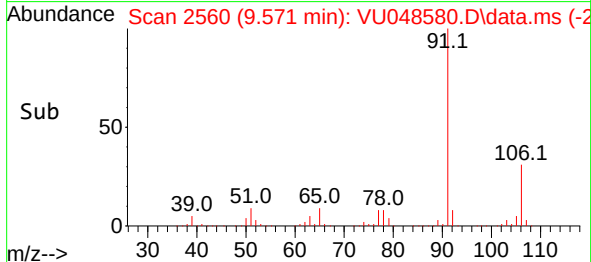
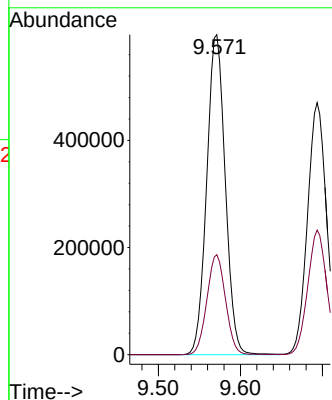
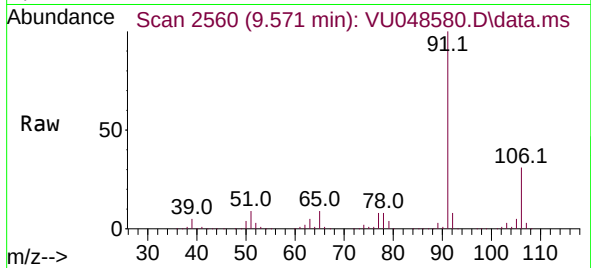




#52
Ethylbenzene
Concen: 99.229 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

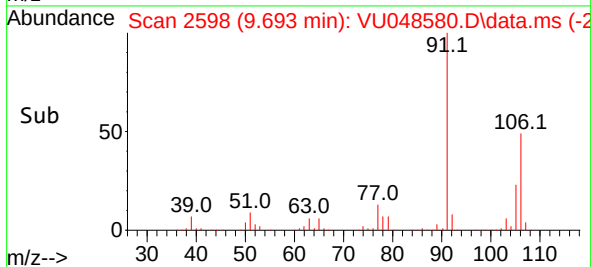
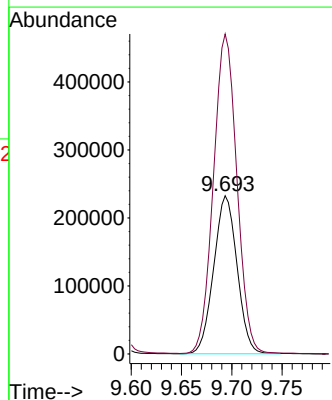
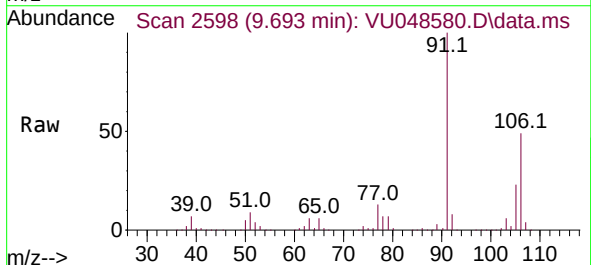
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

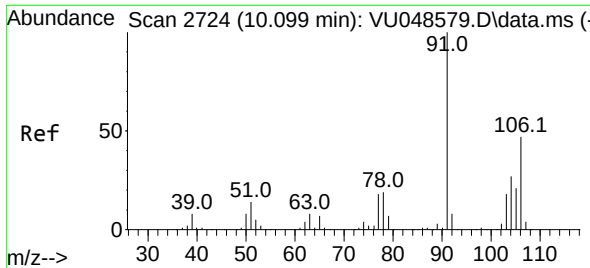
Tgt Ion: 91 Resp: 939557
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 101.696 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion: 106 Resp: 375211
Ion Ratio Lower Upper
106 100
91 202.3 141.8 263.4

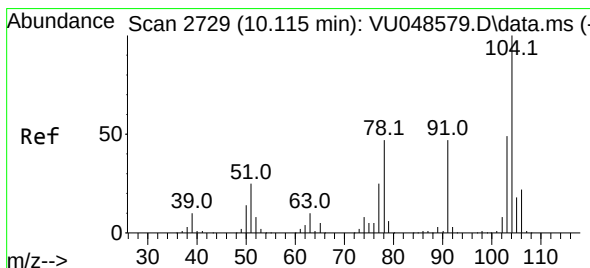
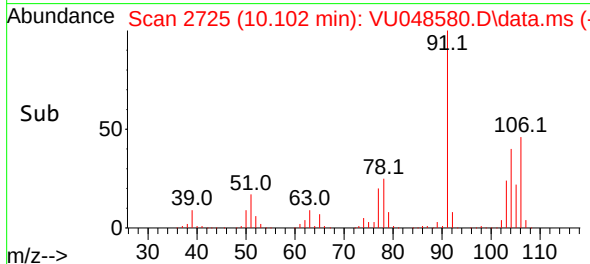
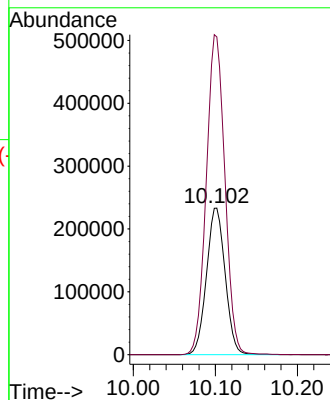
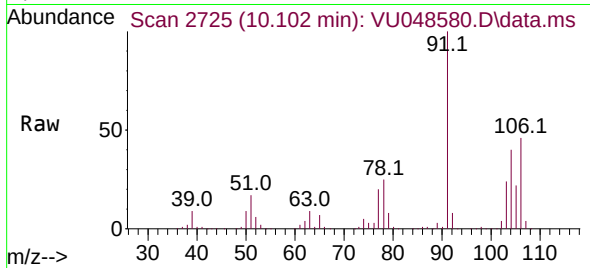




#54
o-Xylene
Concen: 100.254 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

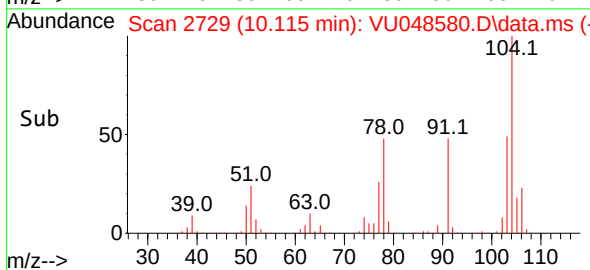
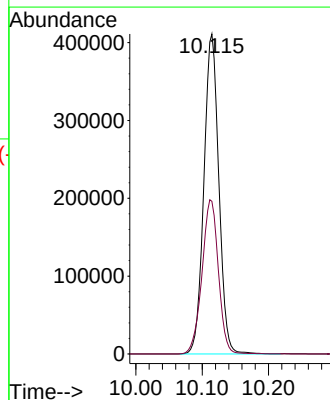
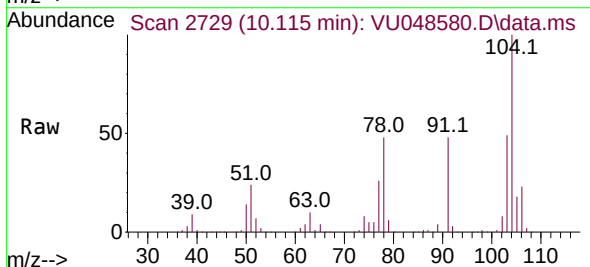
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

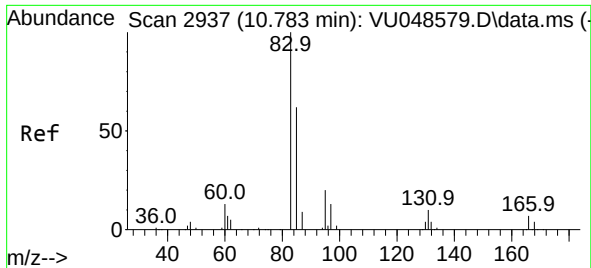
Tgt Ion:106 Resp: 368104
Ion Ratio Lower Upper
106 100
91 216.8 150.1 278.9



#55
Styrene
Concen: 106.496 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion:104 Resp: 643177
Ion Ratio Lower Upper
104 100
78 47.7 32.7 60.7

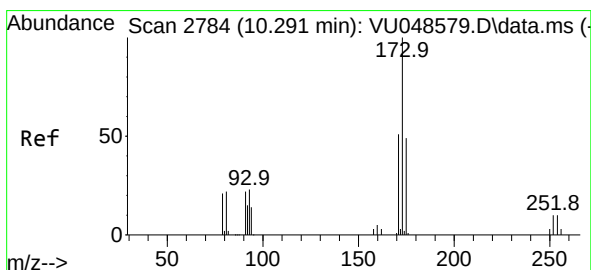
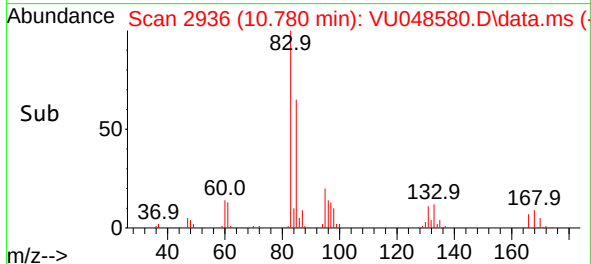
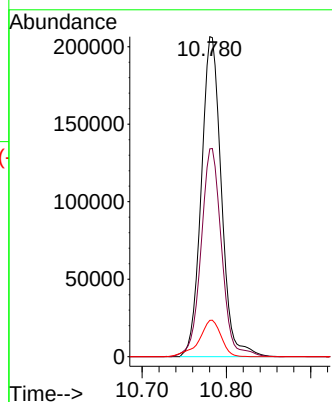
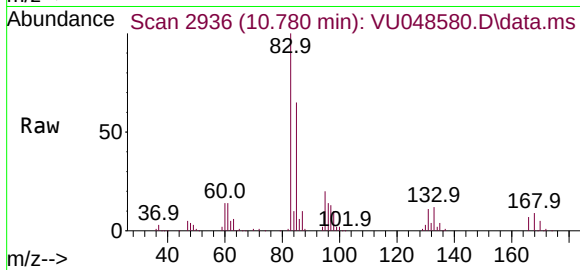




#57
1,1,2,2-Tetrachloroethane
Concen: 85.036 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

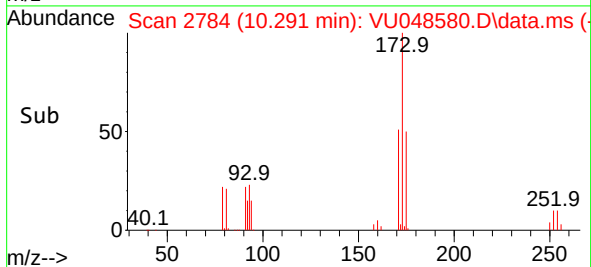
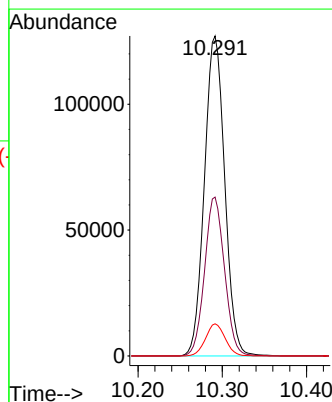
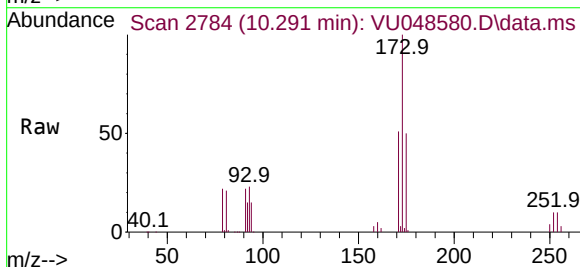
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

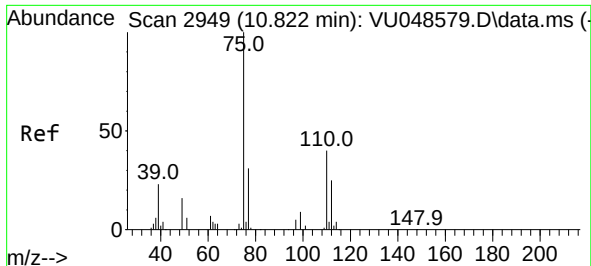
Tgt Ion: 83 Resp: 342368
Ion Ratio Lower Upper
83 100
85 65.0 44.1 81.9
131 11.4 8.9 13.3



#59
Bromoform
Concen: 93.959 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion: 173 Resp: 213361
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.4
254 9.7 7.7 11.5

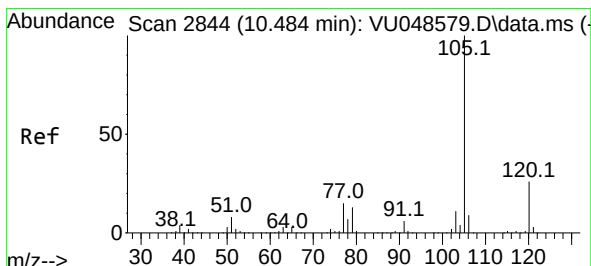
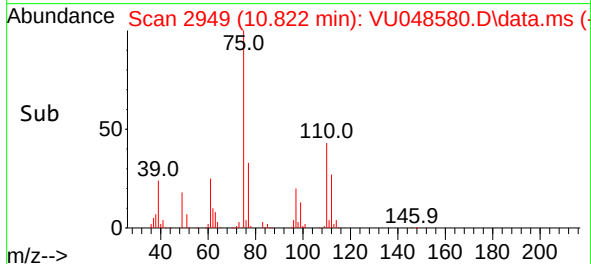
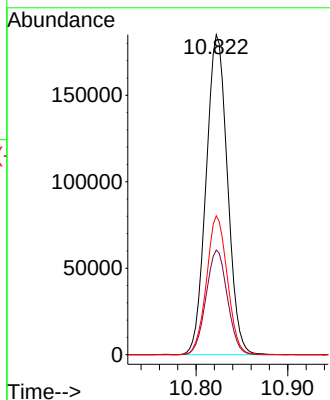
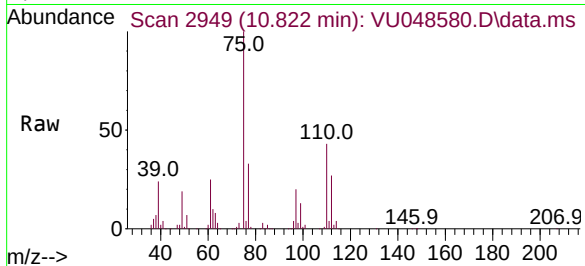




#60
1,2,3-Trichloropropane
Concen: 75.024 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

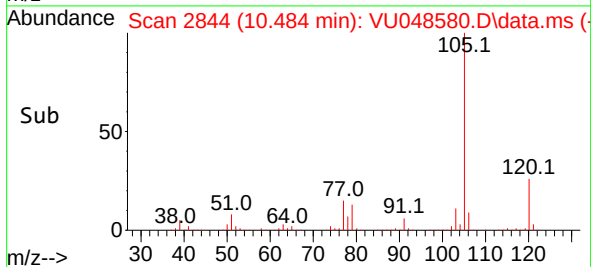
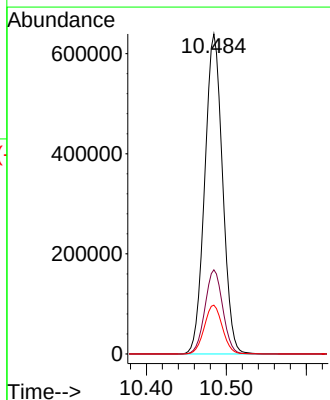
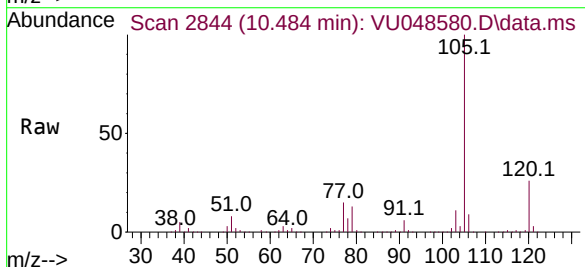
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

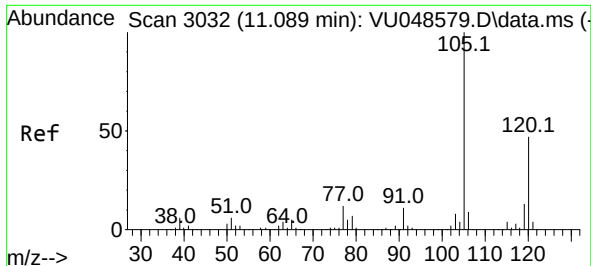
Tgt Ion: 75 Resp: 299103
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
110 42.5 32.1 48.1



#61
Isopropylbenzene
Concen: 90.199 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion: 105 Resp: 991043
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.5 12.5 18.7





#62

1,3,5-Trimethylbenzene

Concen: 96.824 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048580.D

Acq: 16 May 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

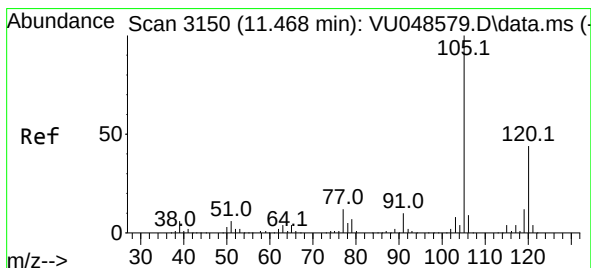
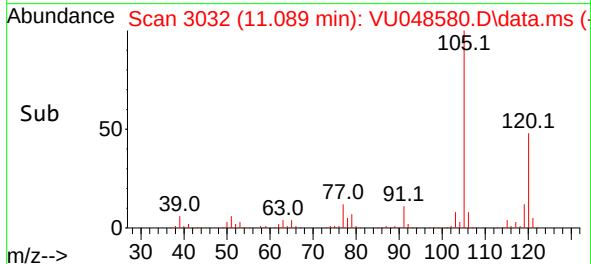
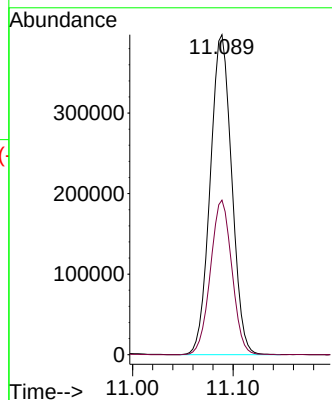
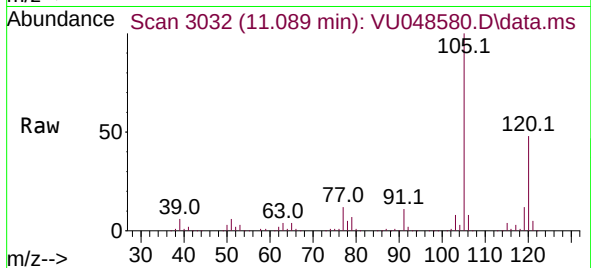
VSTD100071

Tgt Ion:105 Resp: 591133

Ion Ratio Lower Upper

105 100

120 48.1 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 100.358 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU048580.D

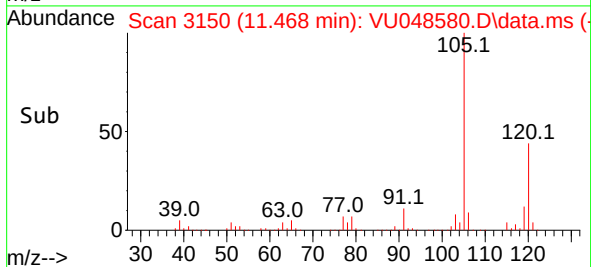
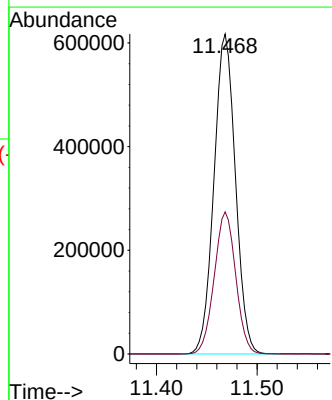
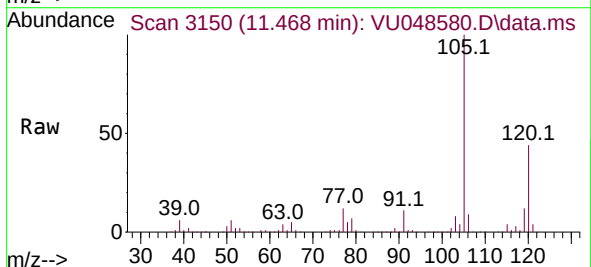
Acq: 16 May 2022 13:51

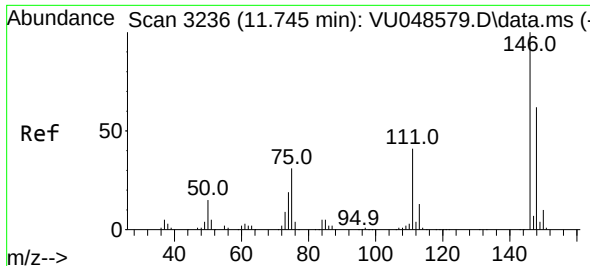
Tgt Ion:105 Resp: 915484

Ion Ratio Lower Upper

105 100

120 44.4 35.4 53.2

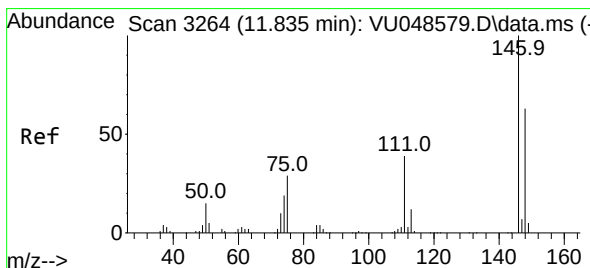
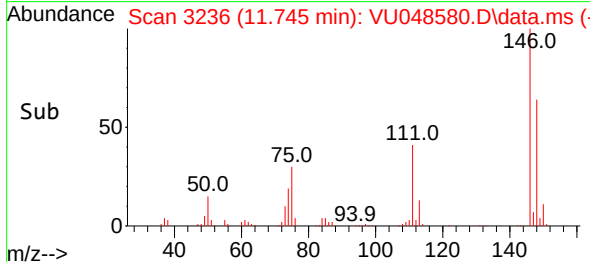
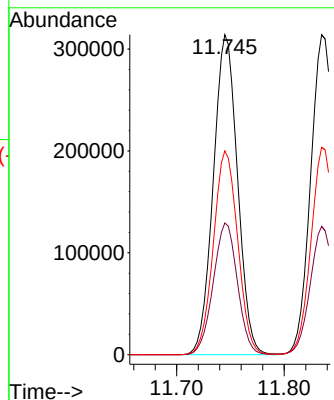
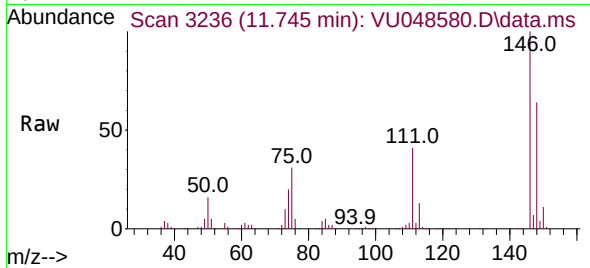




#64
1,3-Dichlorobenzene
Concen: 94.008 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

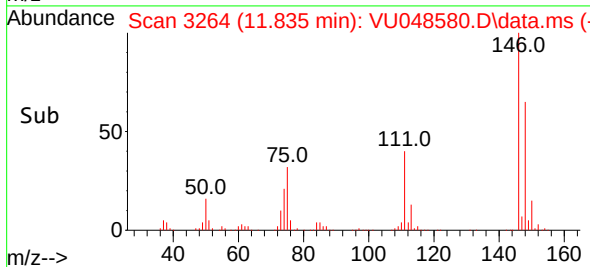
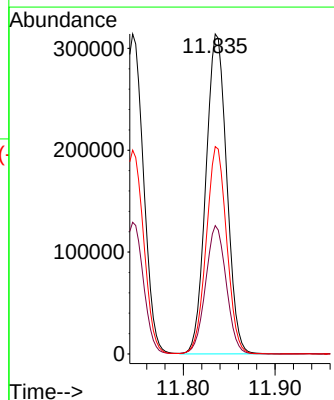
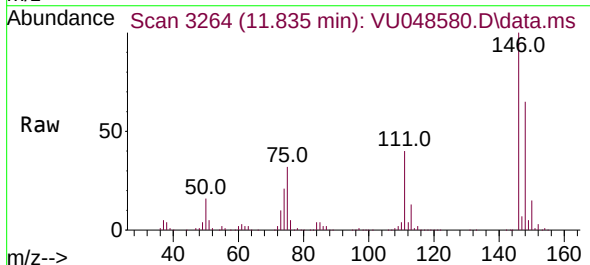
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

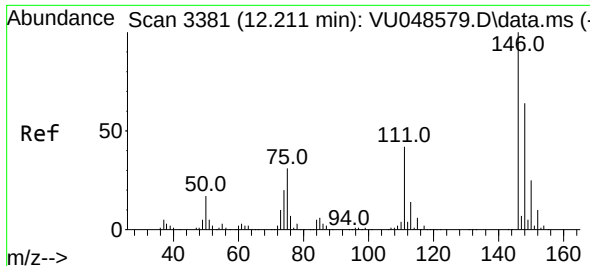
Tgt Ion:146 Resp: 492368
Ion Ratio Lower Upper
146 100
111 41.1 28.7 53.3
148 63.7 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 93.960 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion:146 Resp: 495285
Ion Ratio Lower Upper
146 100
111 40.1 27.6 51.2
148 64.8 44.2 82.2

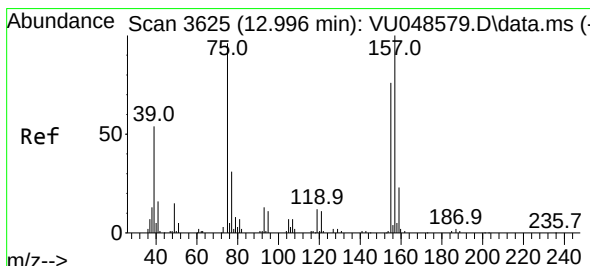
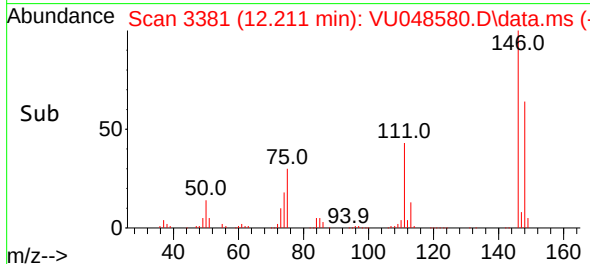
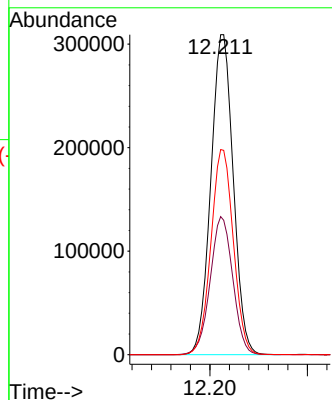
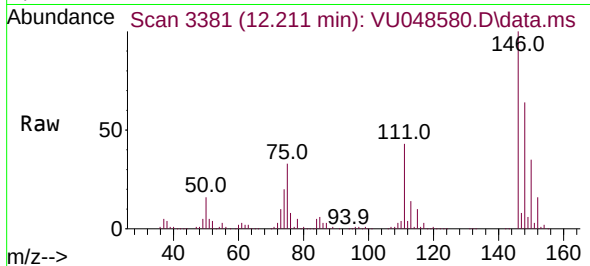




#67
1,2-Dichlorobenzene
Concen: 92.538 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

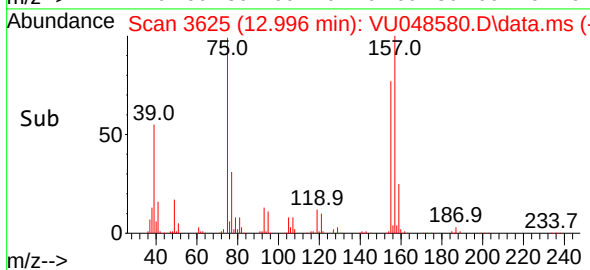
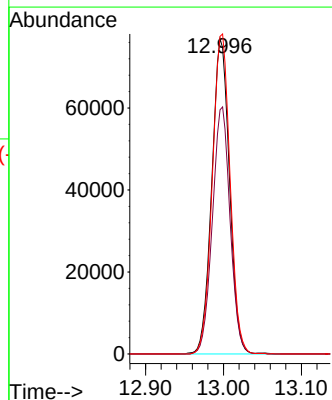
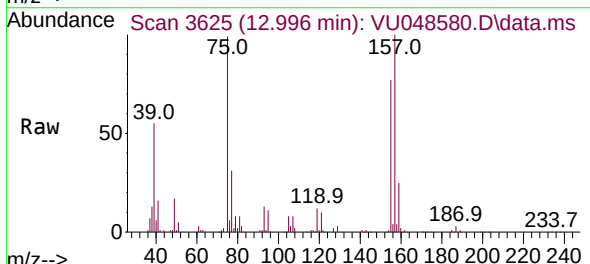
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

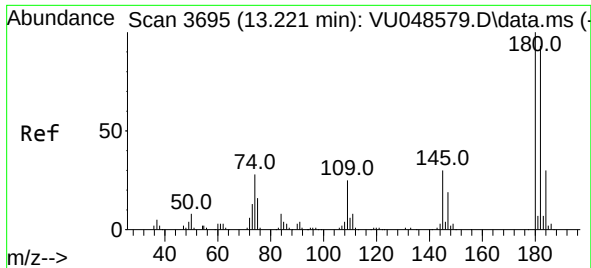
Tgt Ion:146 Resp: 493527
Ion Ratio Lower Upper
146 100
111 43.1 34.1 51.1
148 64.1 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 98.986 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion: 75 Resp: 121340
Ion Ratio Lower Upper
75 100
155 77.5 63.5 95.3
157 100.8 83.5 125.3

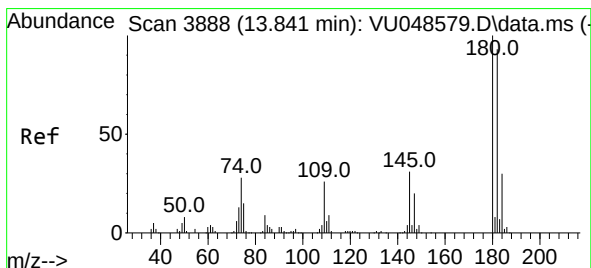
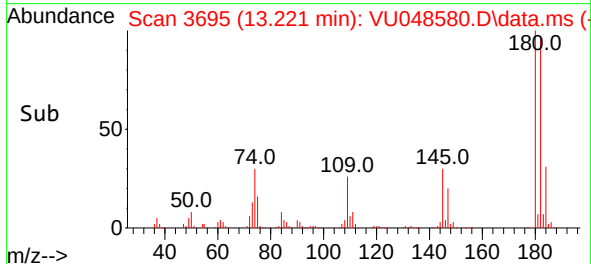
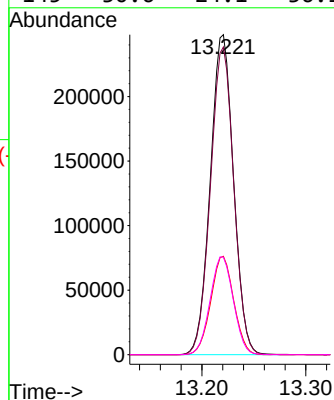
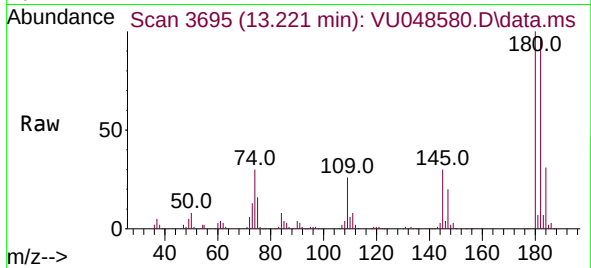




#69
1,3,5-Trichlorobenzene
Concen: 101.603 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

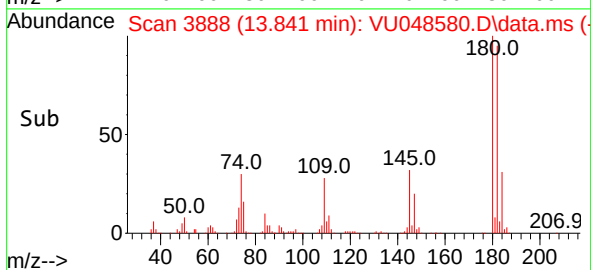
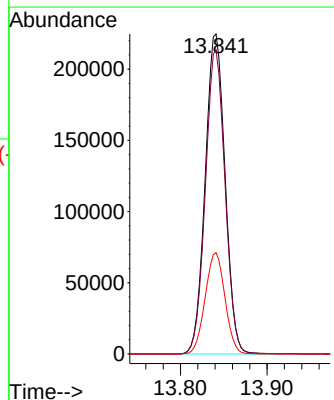
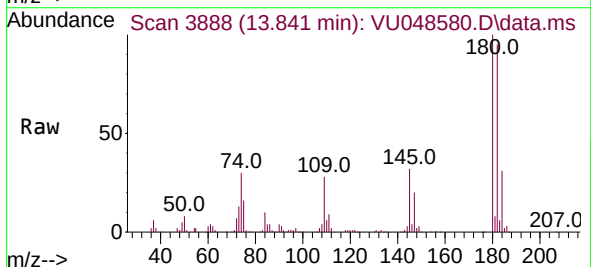
Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

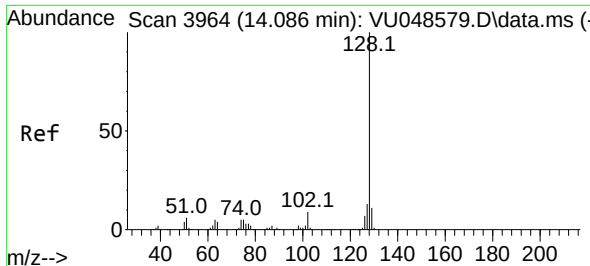
Tgt Ion:180 Resp: 385030
Ion Ratio Lower Upper
180 100
182 96.2 75.8 113.6
184 30.4 23.4 35.2
145 30.6 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 106.672 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion:180 Resp: 359015
Ion Ratio Lower Upper
180 100
182 93.8 75.8 113.8
145 31.4 24.9 37.3

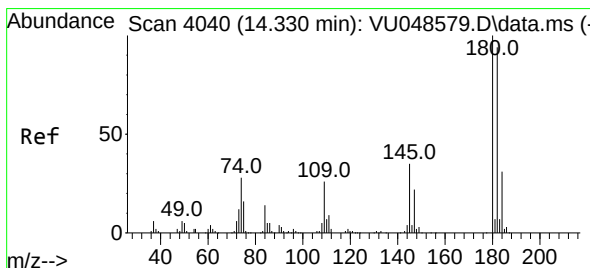
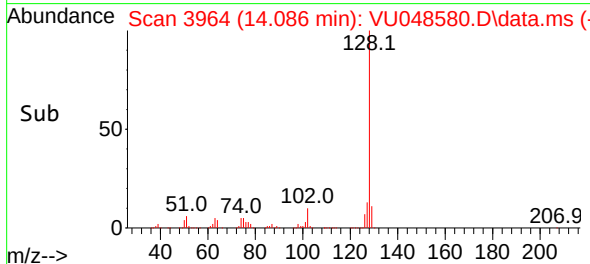
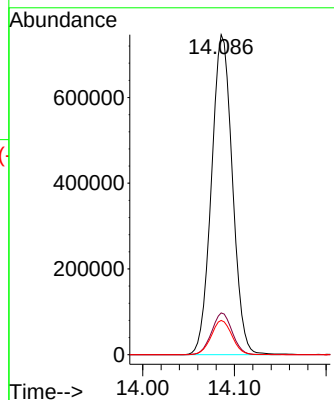
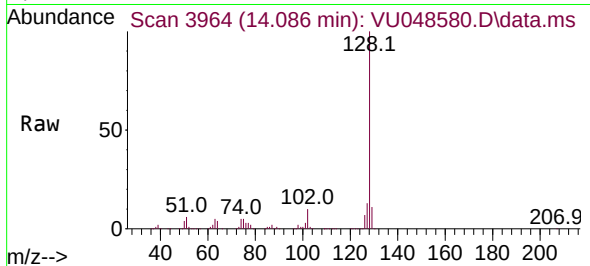




#71
Naphthalene
Concen: 92.906 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD100071

Tgt Ion:128 Resp: 1184439
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 100.082 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048580.D
Acq: 16 May 2022 13:51

Tgt Ion:180 Resp: 354037
Ion Ratio Lower Upper
180 100
182 95.4 75.6 113.4
145 33.2 27.1 40.7

