

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU049980.D
 Acq On : 28 Jul 2022 11:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

Quant Time: Jul 29 02:20:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:41:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101109	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	102777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42937	4.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.912	69	34099	5.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.562	65	16375	5.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.400%
20) 2-Butanone-d5	4.665	46	99709	51.596	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.200%
24) Chloroform-d	5.060	84	74230	5.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.706	65	37770	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.722	84	147265	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.693	67	48920	4.917	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.896	98	138192	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.182	79	18414	5.281	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.600%
46) 2-Hexanone-d5	8.645	63	70652	54.124	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44204	5.288	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	47424	4.828	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	40555	5.197	ug/L	98
3) Chloromethane	1.520	50	46303	5.008	ug/L	97
5) Vinyl chloride	1.600	62	44413	5.110	ug/L	98
6) Bromomethane	1.858	94	26893	5.591	ug/L	100
8) Chloroethane	1.935	64	26553	5.389	ug/L	94
9) Trichlorofluoromethane	2.137	101	54318	5.307	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	31738	5.267	ug/L	98
12) 1,1-Dichloroethene	2.575	96	29248	5.241	ug/L	88
13) Acetone	2.652	43	49610	36.523	ug/L	98
14) Carbon disulfide	2.787	76	80822	4.768	ug/L	100
15) Methyl Acetate	2.960	43	14291	5.071	ug/L	99
16) Methylene chloride	3.041	84	49083	5.721	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	91261	5.850	ug/L	99
18) trans-1,2-Dichloroethene	3.346	96	31955	5.210	ug/L	96
19) 1,1-Dichloroethane	3.864	63	67282	5.347	ug/L	98
21) 2-Butanone	4.745	43	95375	48.751	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	38002	5.184	ug/L	94
23) Bromochloromethane	4.970	128	16530	4.924	ug/L	93
25) Chloroform	5.086	83	68106	4.830	ug/L	97

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 Acq On : 28 Jul 2022 11:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

Quant Time: Jul 29 02:20:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:41:29 2022
 Response via : Initial Calibration

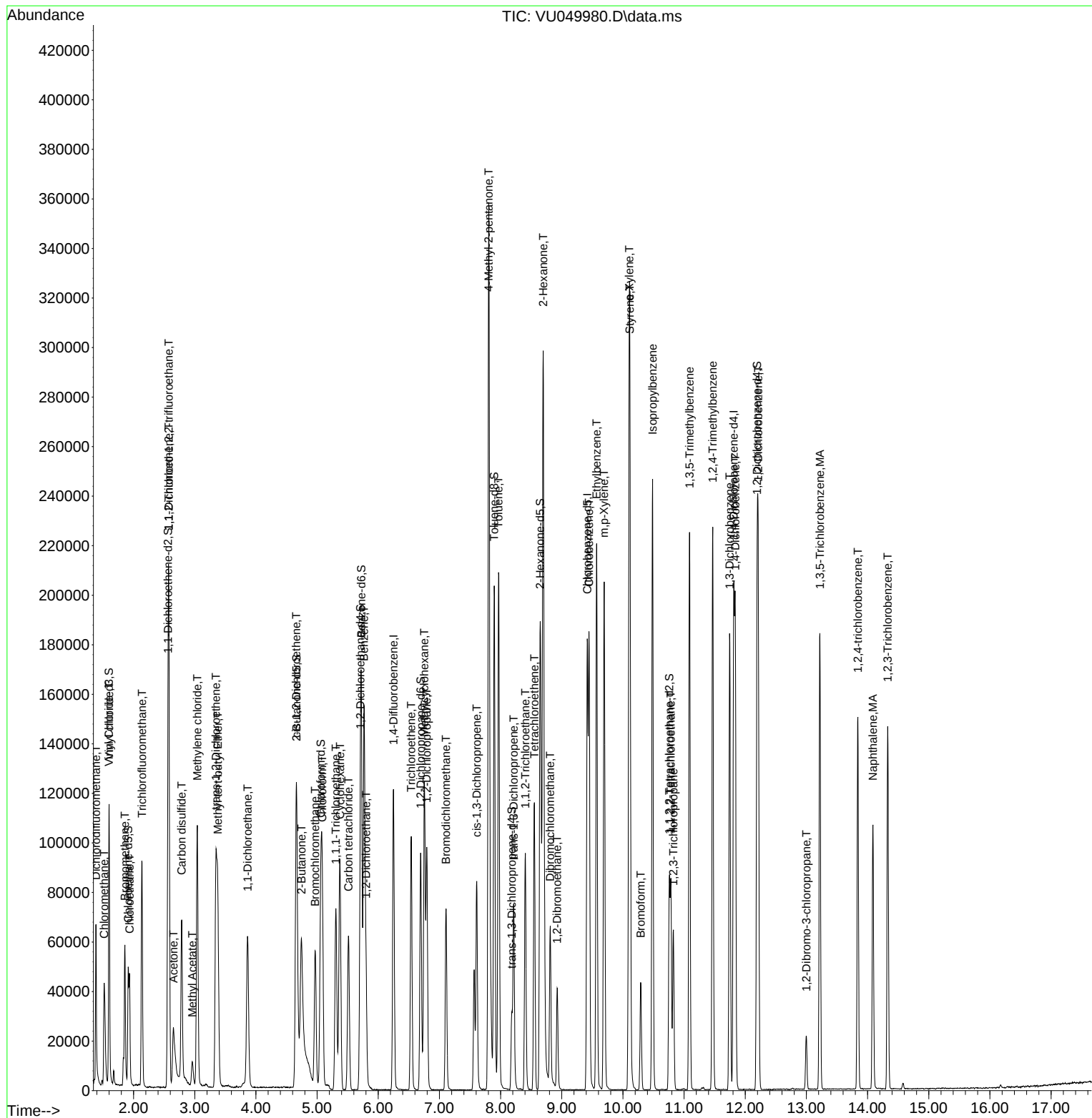
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	40713	5.174	ug/L	98
29) 1,1,1-Trichloroethane	5.308	97	53456	4.898	ug/L	99
30) Cyclohexane	5.375	56	45371	4.925	ug/L	98
31) Carbon tetrachloride	5.513	117	43563	4.914	ug/L	99
33) Benzene	5.767	78	148422	4.948	ug/L	100
34) Trichloroethene	6.539	95	36158	4.959	ug/L	99
35) Methylcyclohexane	6.755	83	46759	4.862	ug/L	99
37) 1,2-Dichloropropane	6.793	63	41402	5.008	ug/L	100
38) Bromodichloromethane	7.108	83	49822	4.981	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	52374	4.896	ug/L	99
40) 4-Methyl-2-pentanone	7.806	43	254381	53.256	ug/L	99
42) Toluene	7.967	91	156818	5.141	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	45419	5.056	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	30821	4.990	ug/L	98
47) Tetrachloroethene	8.552	164	26336	5.019	ug/L	95
48) 2-Hexanone	8.697	43	205107	56.330	ug/L	99
49) Dibromochloromethane	8.812	129	33892	5.014	ug/L	99
50) 1,2-Dibromoethane	8.925	107	28326	5.164	ug/L	95
51) Chlorobenzene	9.446	112	100501	5.191	ug/L	97
52) Ethylbenzene	9.571	91	155819	5.215	ug/L	99
53) m,p-Xylene	9.693	106	60713	5.336	ug/L	95
54) o-Xylene	10.102	106	58115	5.268	ug/L	98
55) Styrene	10.115	104	105921	5.637	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	41820	5.201	ug/L	97
59) Bromoform	10.291	173	19866	4.667	ug/L	98
60) Isopropylbenzene	10.484	105	154414	4.936	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	28459	4.627	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	124498	4.898	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	126862	5.150	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	77709	5.187	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	75294	5.080	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	74916	5.034	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	6039	4.971	ug/L	85
69) 1,3,5-Trichlorobenzene	13.220	180	57865	5.358	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	47222	5.481	ug/L	99
71) Naphthalene	14.089	128	88083	5.156	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	46707	5.462	ug/L	98

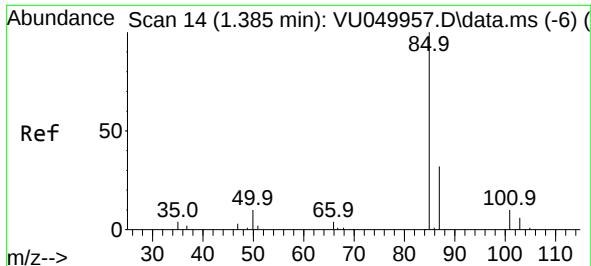
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 Data File : VU049980.D
 Acq On : 28 Jul 2022 11:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

Quant Time: Jul 29 02:20:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
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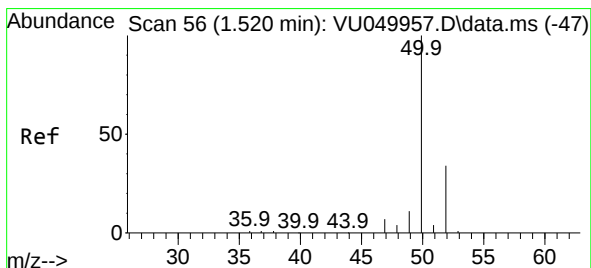
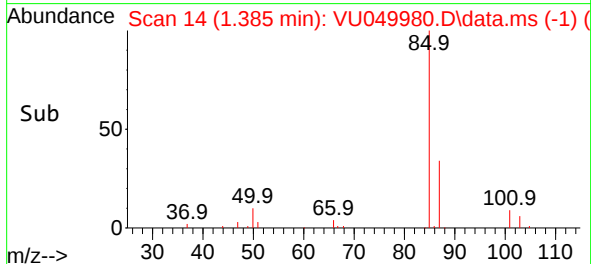
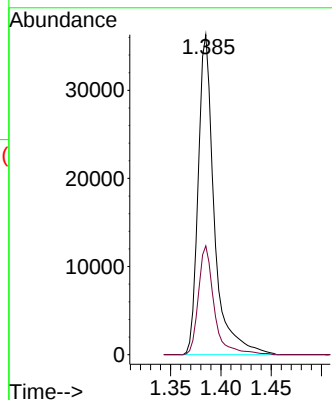
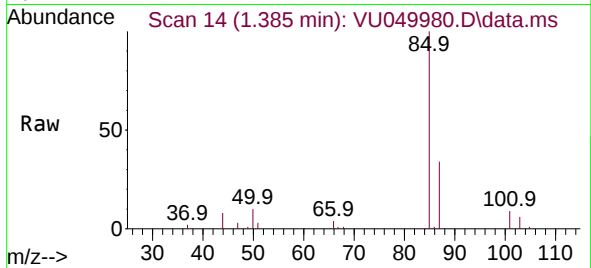




#2
 Dichlorodifluoromethane
 Concen: 5.197 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VU049980.D
 Acq: 28 Jul 2022 11:41

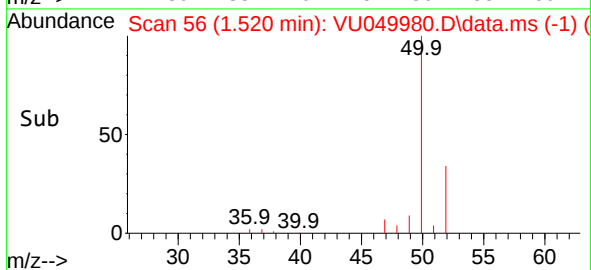
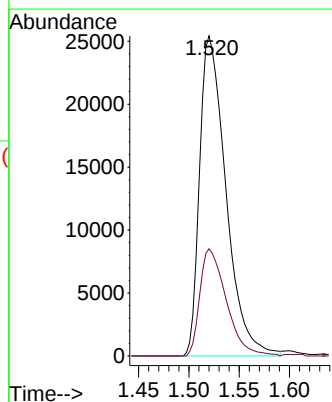
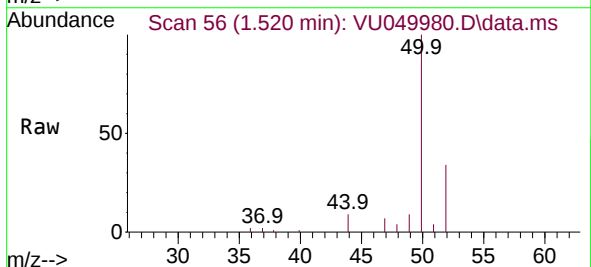
Instrument :
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 ClientSampleId :
 VSTD005137

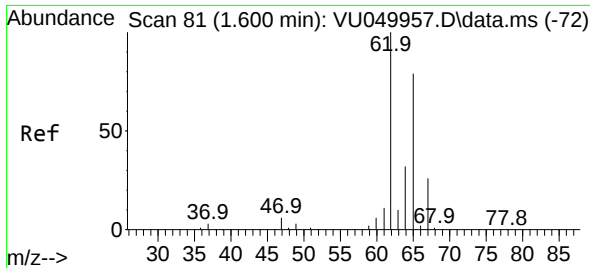
Tgt Ion: 85 Resp: 40555
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.7 38.5



#3
 Chloromethane
 Concen: 5.008 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU049980.D
 Acq: 28 Jul 2022 11:41

Tgt Ion: 50 Resp: 46303
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.4 41.6

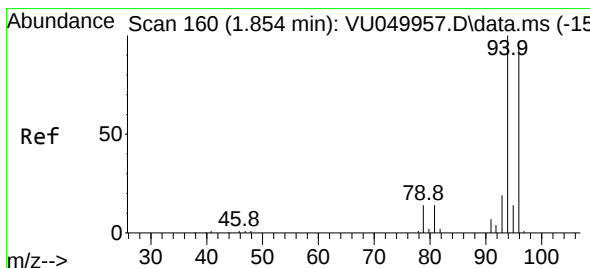
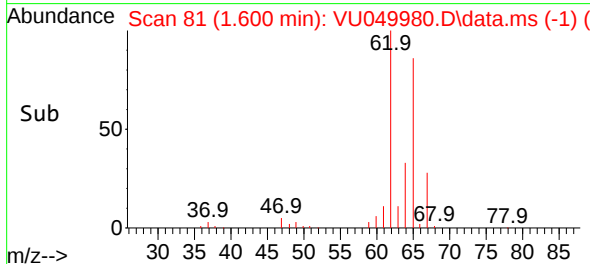
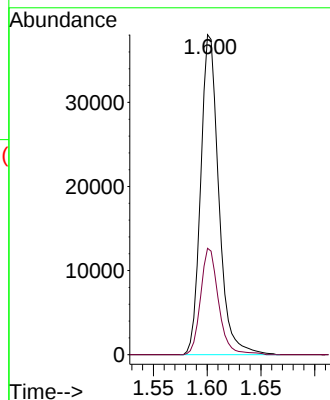
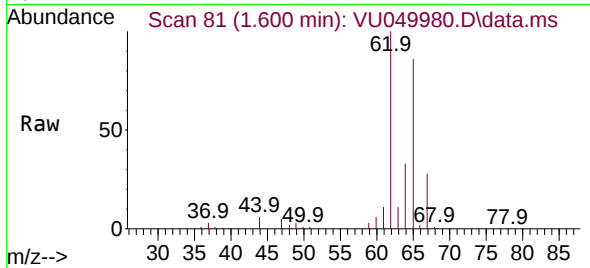




#5
 Vinyl chloride
 Concen: 5.110 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049980.D
 Acq: 28 Jul 2022 11:41

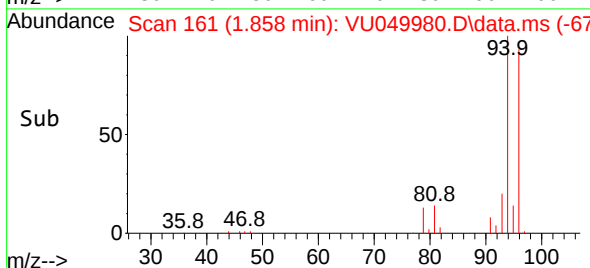
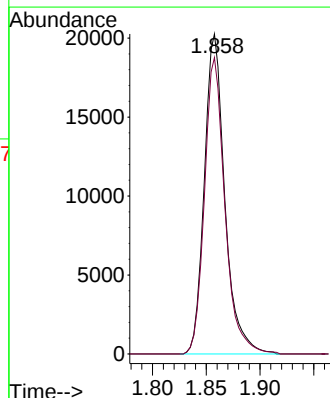
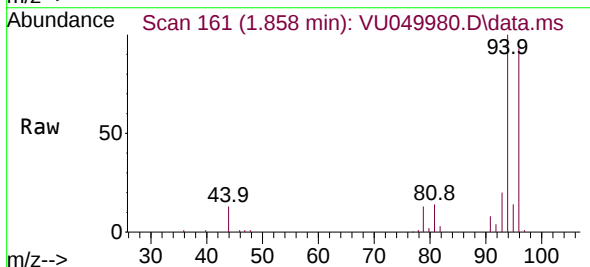
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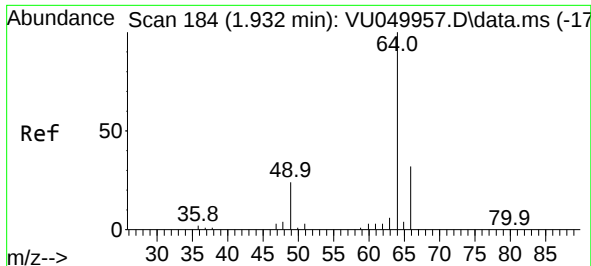
Tgt Ion: 62 Resp: 44413
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.5 41.9



#6
 Bromomethane
 Concen: 5.591 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU049980.D
 Acq: 28 Jul 2022 11:41

Tgt Ion: 94 Resp: 26893
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.5 119.9

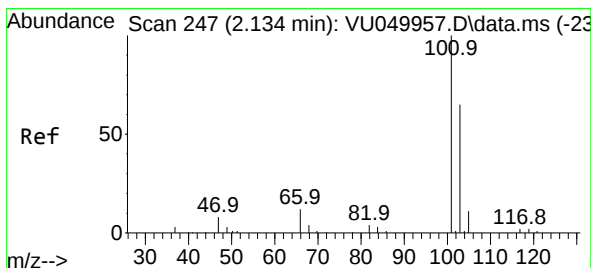
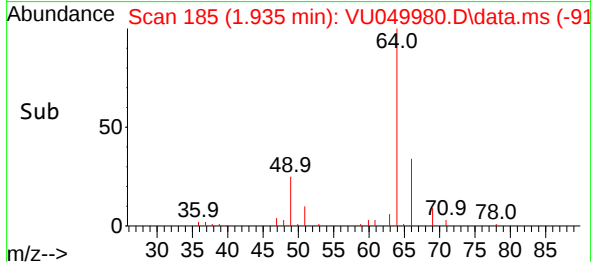
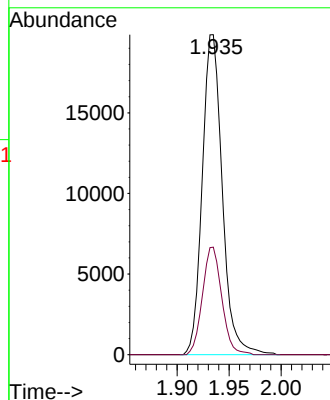
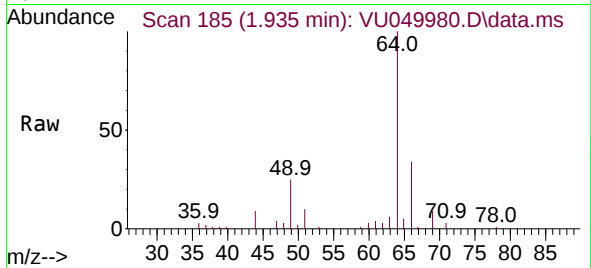




#8
Chloroethane
Concen: 5.389 ug/L
RT: 1.935 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

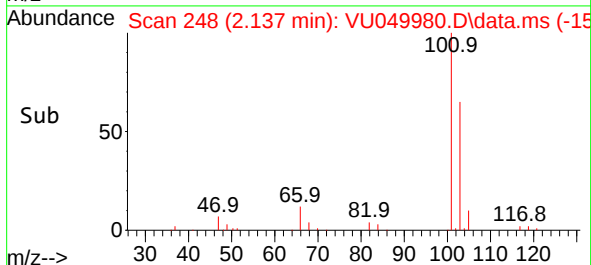
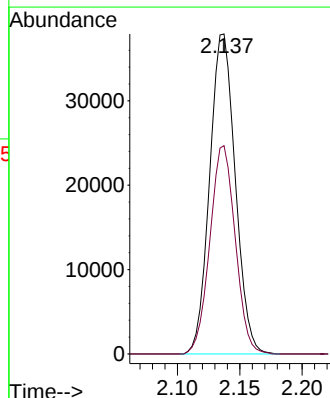
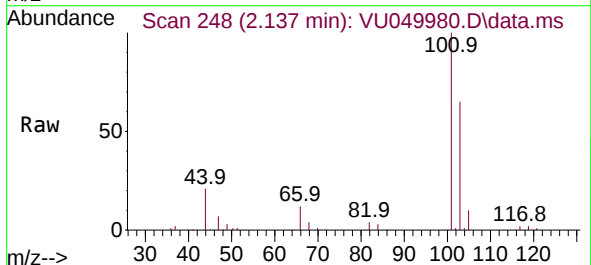
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

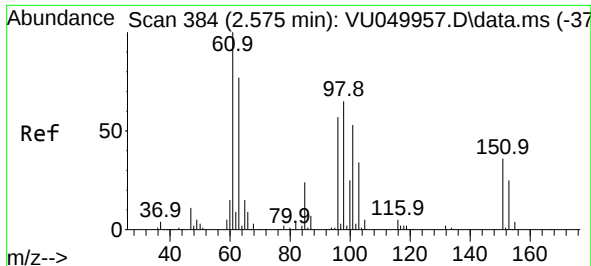
Tgt Ion: 64 Resp: 26553
Ion Ratio Lower Upper
64 100
66 33.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.307 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion: 101 Resp: 54318
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.6

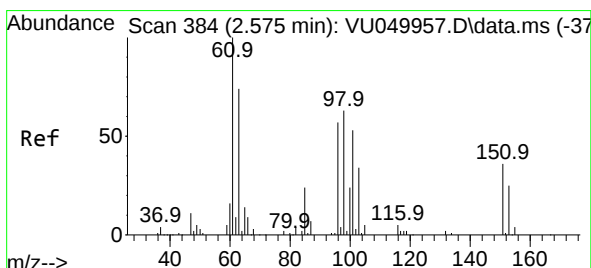
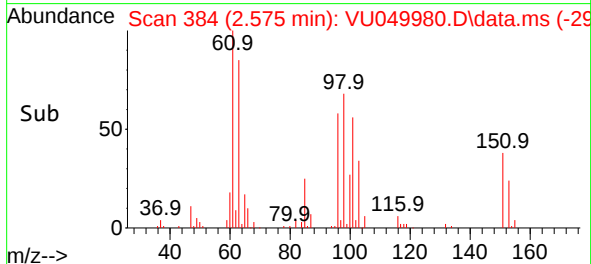
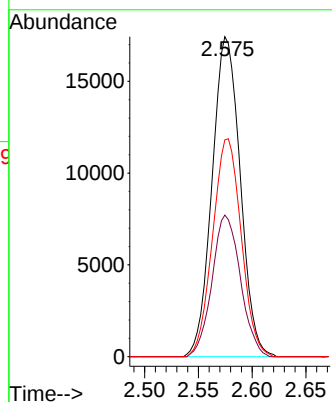
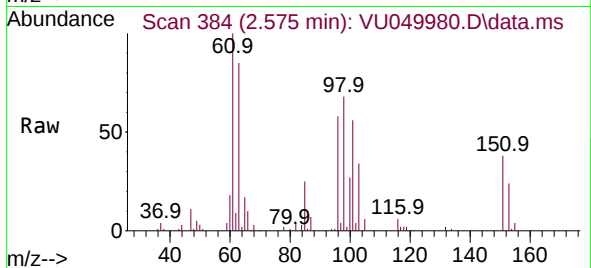




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.267 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

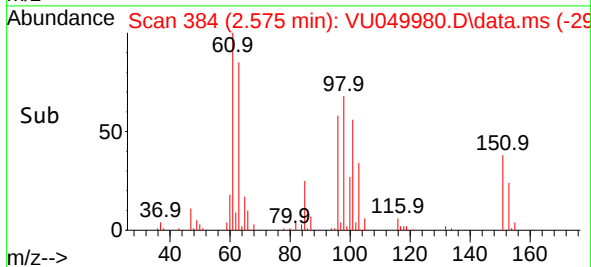
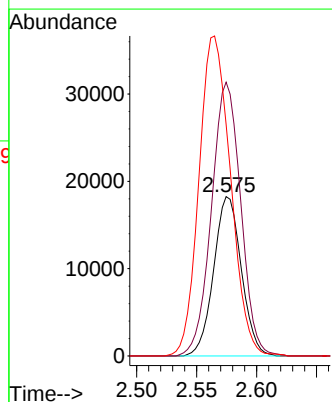
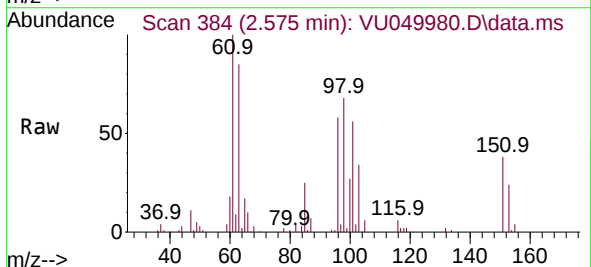
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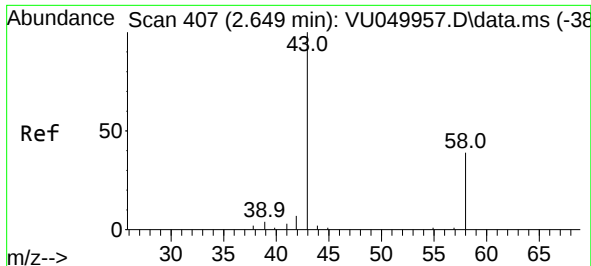
Tgt Ion:101 Resp: 31738
Ion Ratio Lower Upper
101 100
85 44.6 34.1 51.1
151 69.2 56.6 85.0



#12
1,1-Dichloroethene
Concen: 5.241 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion: 96 Resp: 29248
Ion Ratio Lower Upper
96 100
61 171.7 115.7 214.9
63 145.2 84.8 157.4





#13

Acetone

Concen: 36.523 ug/L

RT: 2.652 min Scan# 407

Delta R.T. 0.003 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

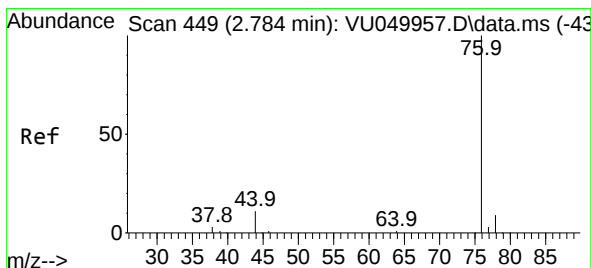
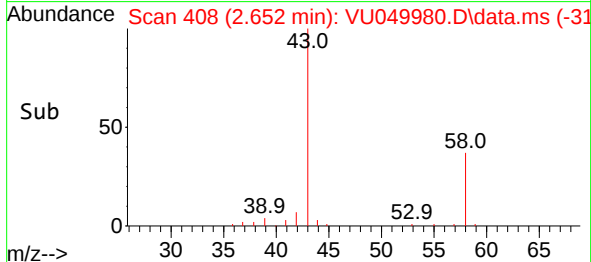
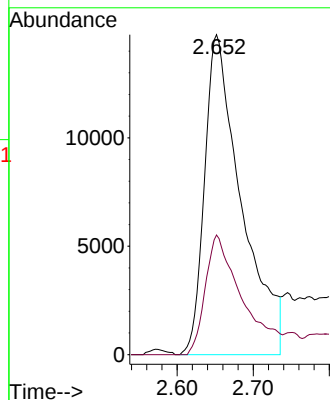
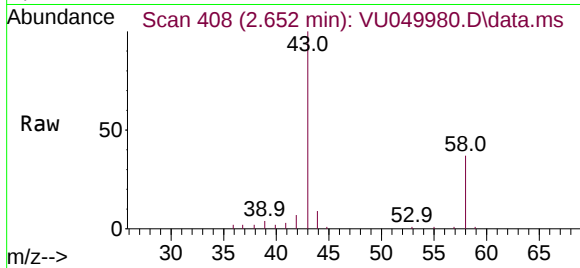
VSTD005137

Tgt Ion: 43 Resp: 49610

Ion Ratio Lower Upper

43 100

58 37.6 0.0 73.0



#14

Carbon disulfide

Concen: 4.768 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.003 min

Lab File: VU049980.D

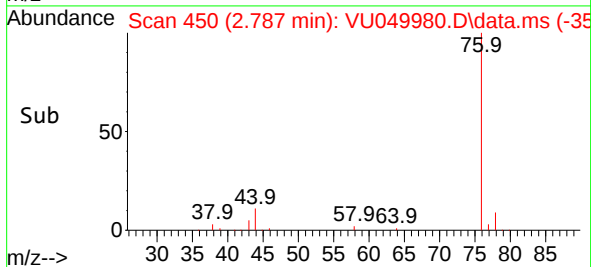
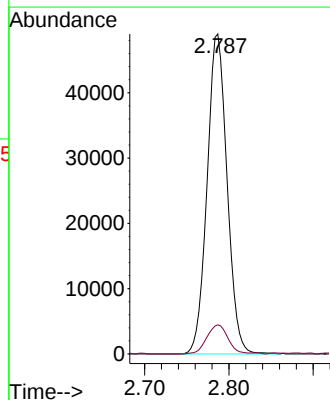
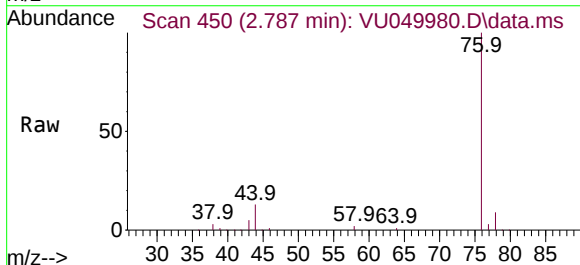
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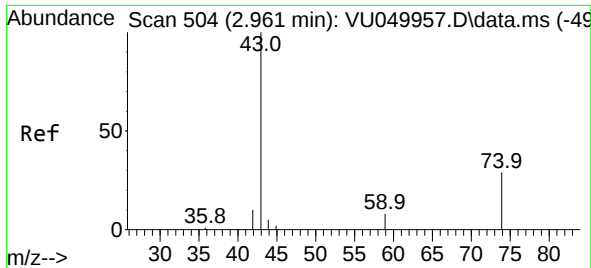
Tgt Ion: 76 Resp: 80822

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

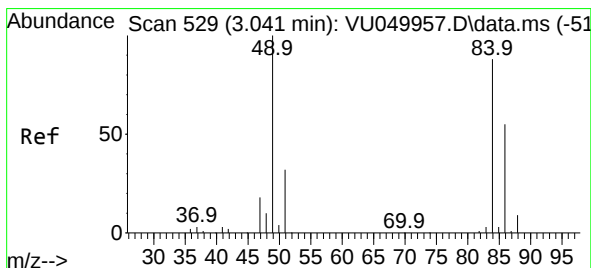
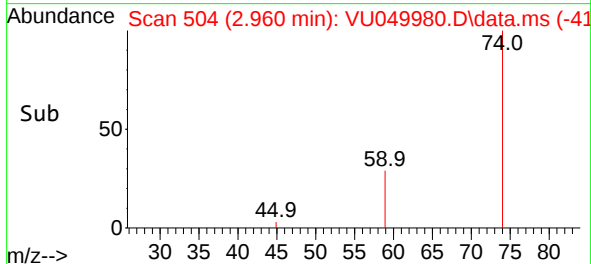
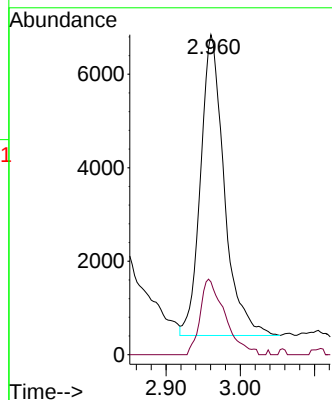
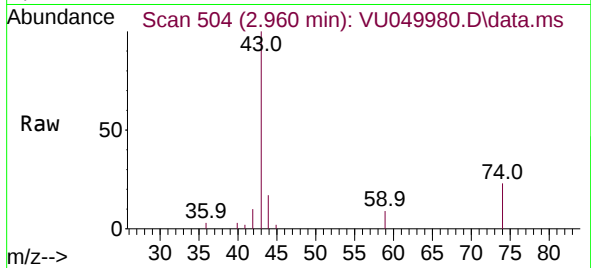




#15
Methyl Acetate
Concen: 5.071 ug/L
RT: 2.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

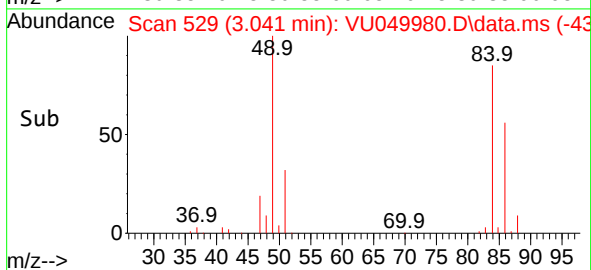
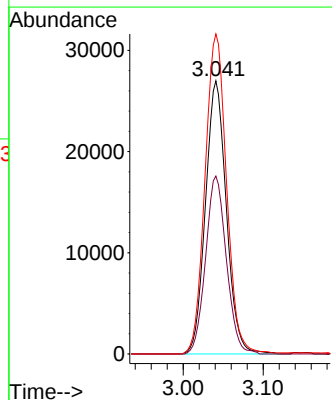
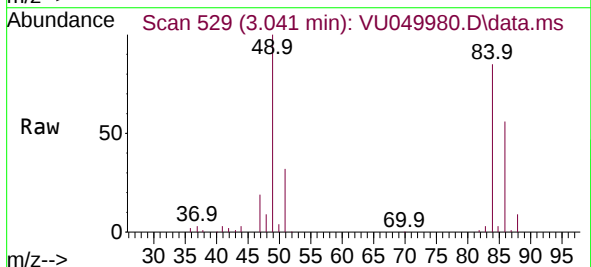
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

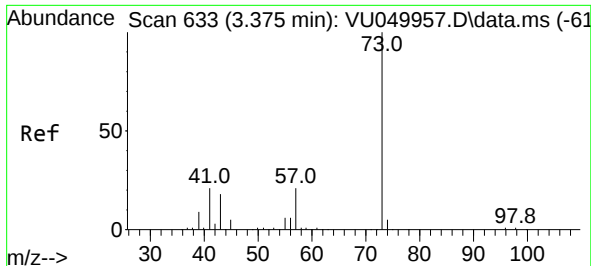
Tgt Ion: 43 Resp: 14291
Ion Ratio Lower Upper
43 100
74 26.3 21.6 32.4



#16
Methylene chloride
Concen: 5.721 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion: 84 Resp: 49083
Ion Ratio Lower Upper
84 100
86 65.1 45.2 84.0
49 117.2 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 5.850 ug/L

RT: 3.375 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005137

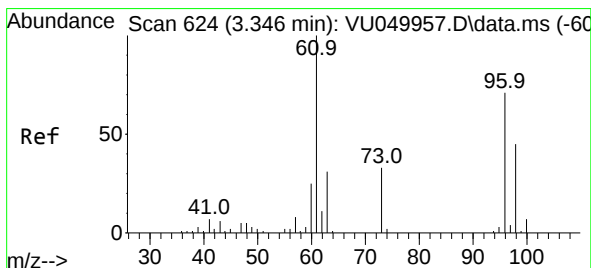
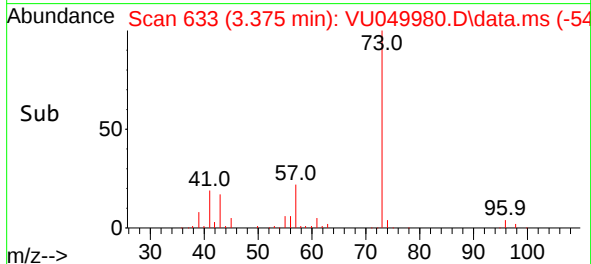
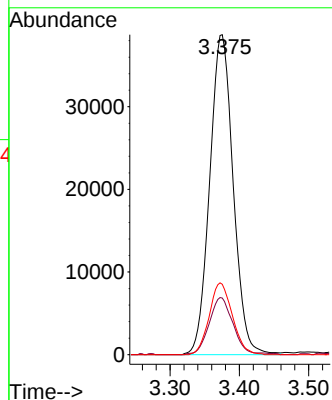
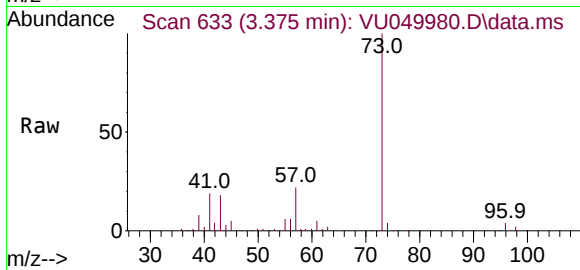
Tgt Ion: 73 Resp: 91261

Ion Ratio Lower Upper

73 100

43 18.3 13.8 20.6

57 22.1 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.210 ug/L

RT: 3.346 min Scan# 624

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

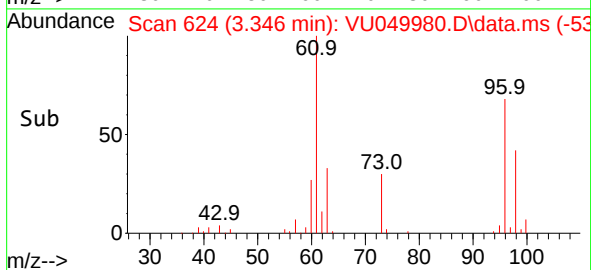
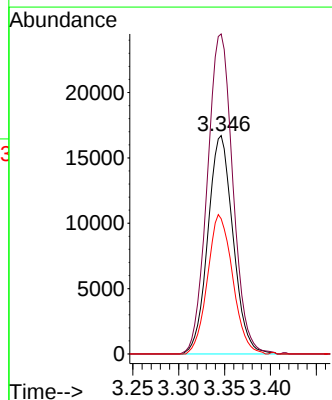
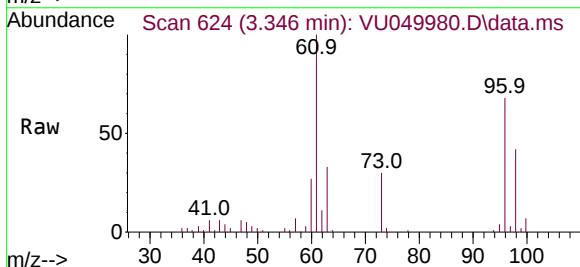
Tgt Ion: 96 Resp: 31955

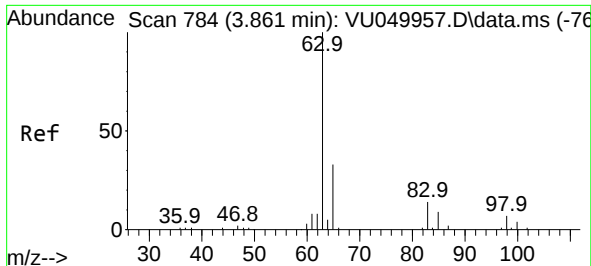
Ion Ratio Lower Upper

96 100

61 146.5 98.0 182.0

98 61.9 44.5 82.7

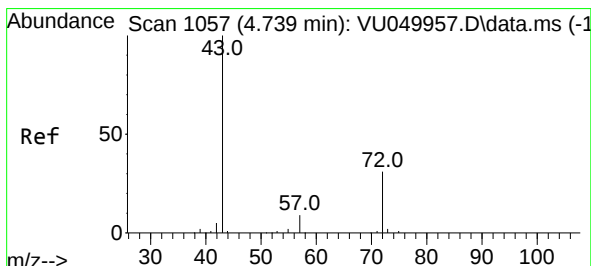
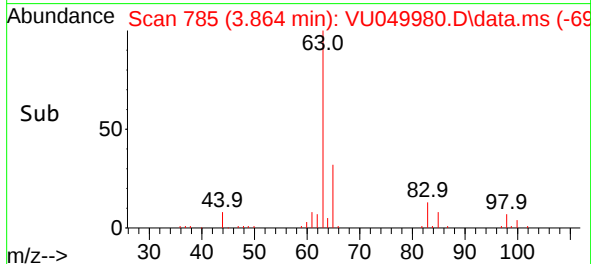
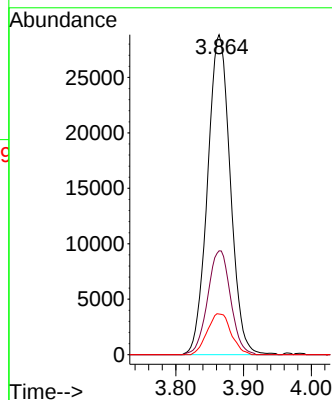
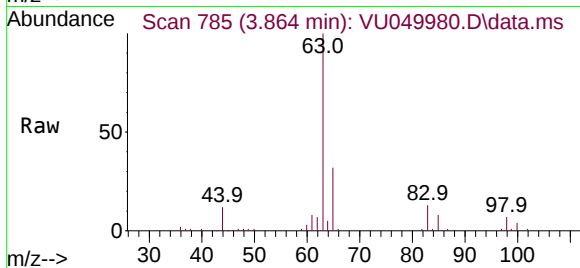




#19
1,1-Dichloroethane
Concen: 5.347 ug/L
RT: 3.864 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

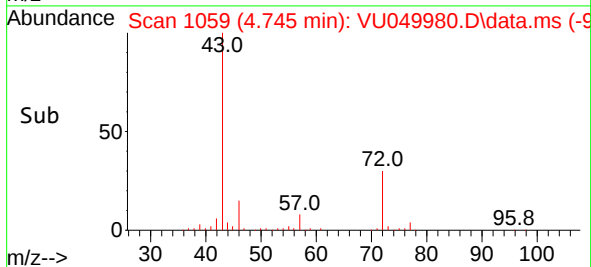
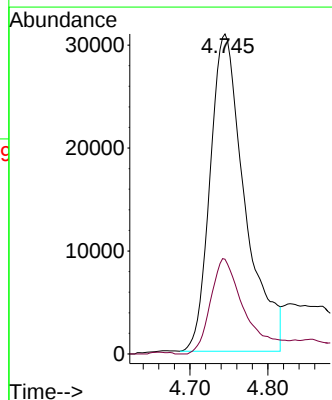
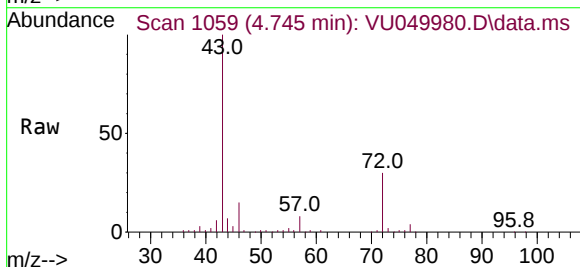
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

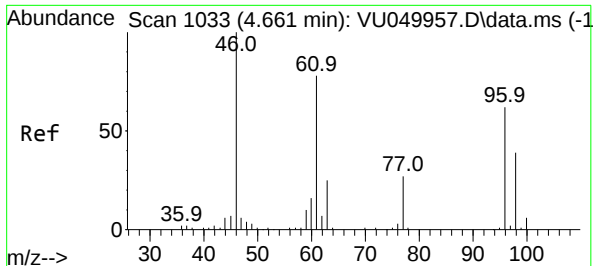
Tgt Ion: 63 Resp: 67282
Ion Ratio Lower Upper
63 100
65 32.4 23.4 43.6
83 12.7 9.4 17.4



#21
2-Butanone
Concen: 48.751 ug/L
RT: 4.745 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion: 43 Resp: 95375
Ion Ratio Lower Upper
43 100
72 30.3 15.8 47.3

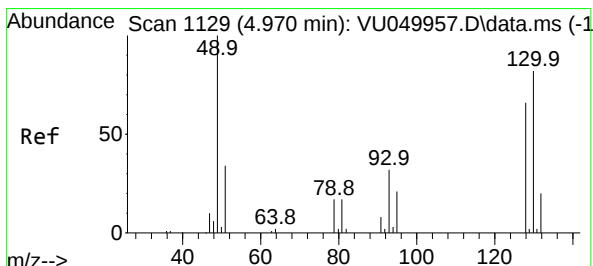
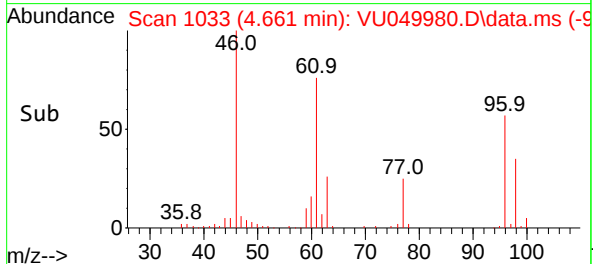
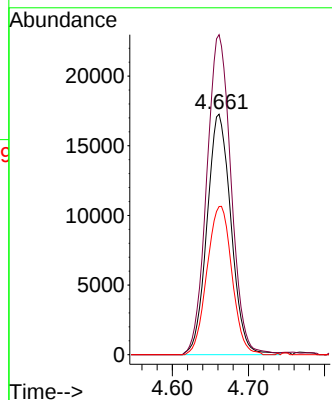
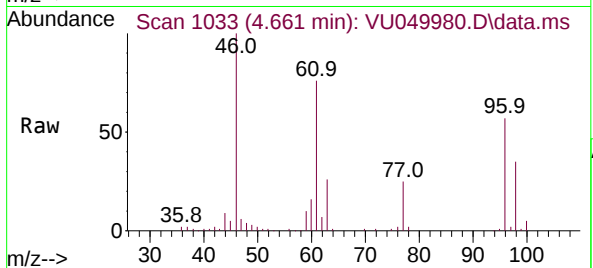




#22
 cis-1,2-Dichloroethene
 Concen: 5.184 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.000 min
 Lab File: VU049980.D
 Acq: 28 Jul 2022 11:41

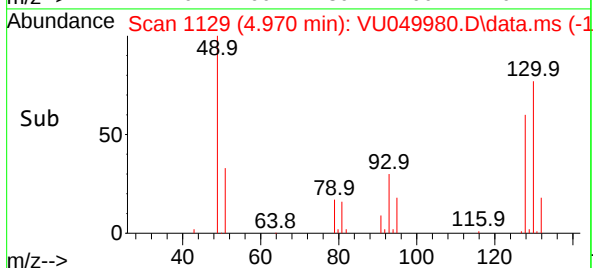
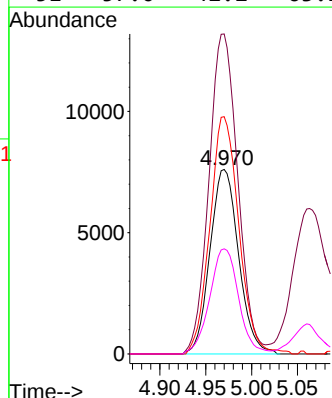
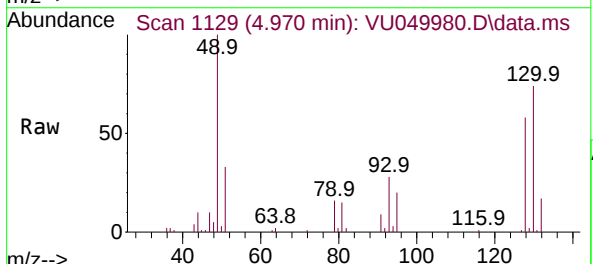
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

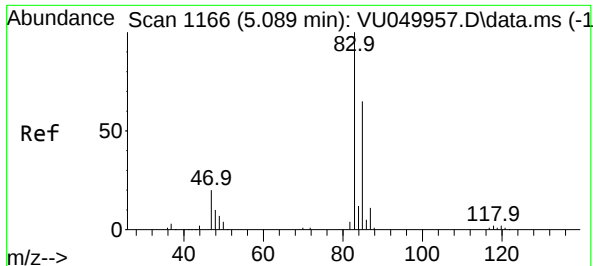
Tgt Ion: 96 Resp: 38002
 Ion Ratio Lower Upper
 96 100
 61 133.1 87.2 161.9
 98 61.7 44.7 83.1



#23
 Bromochloromethane
 Concen: 4.924 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VU049980.D
 Acq: 28 Jul 2022 11:41

Tgt Ion: 128 Resp: 16530
 Ion Ratio Lower Upper
 128 100
 49 173.4 111.4 207.0
 130 128.6 88.7 164.7
 51 57.0 42.2 63.2





#25

Chloroform

Concen: 4.830 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

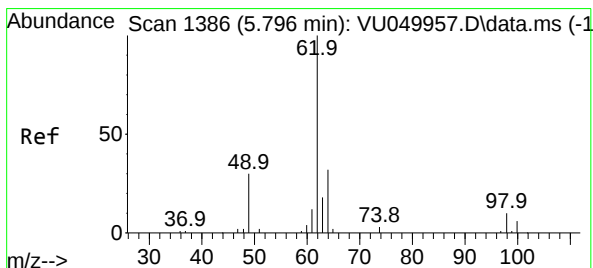
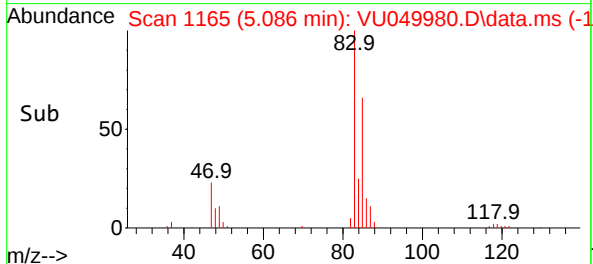
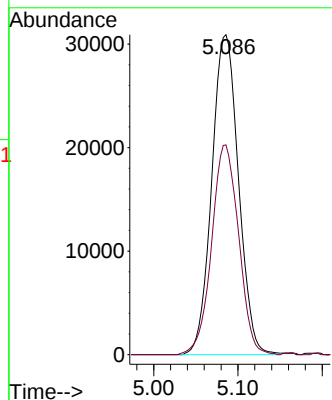
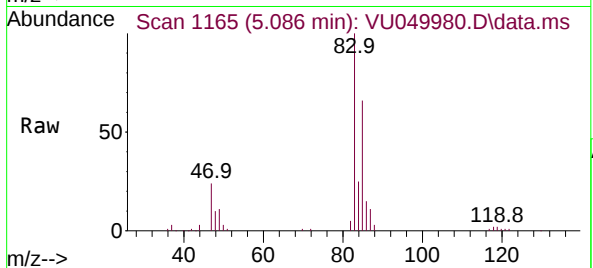
VSTD005137

Tgt Ion: 83 Resp: 68106

Ion Ratio Lower Upper

83 100

85 65.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 5.174 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU049980.D

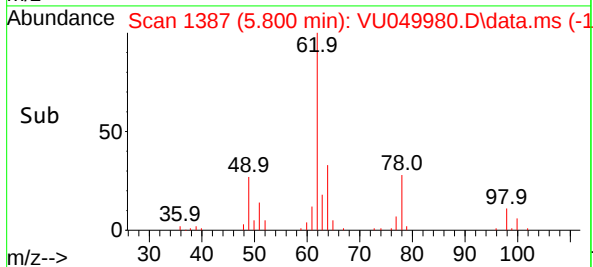
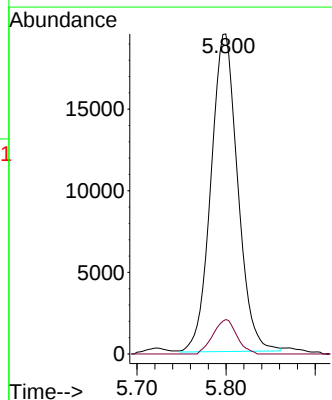
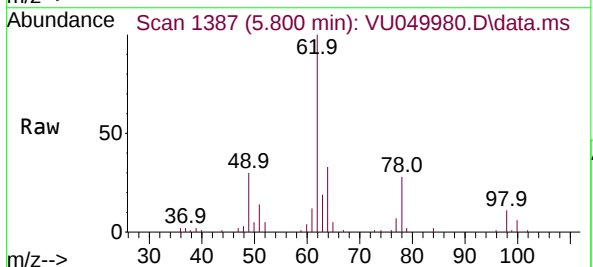
Acq: 28 Jul 2022 11:41

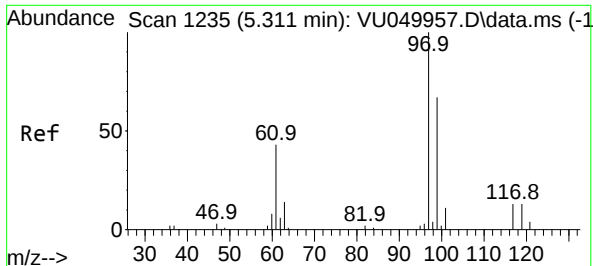
Tgt Ion: 62 Resp: 40713

Ion Ratio Lower Upper

62 100

98 10.8 7.9 11.9

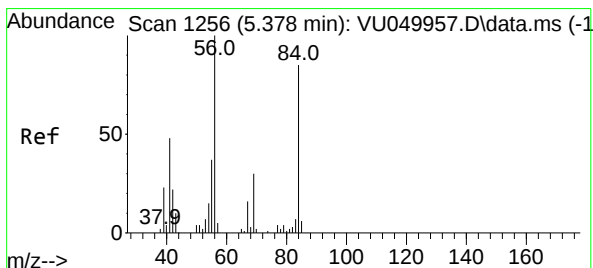
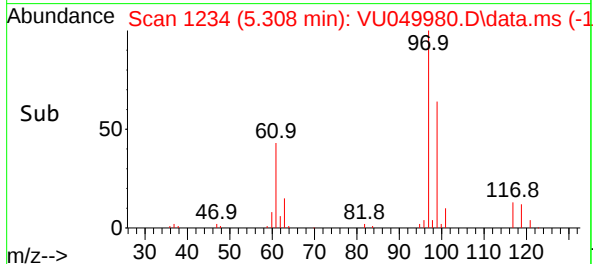
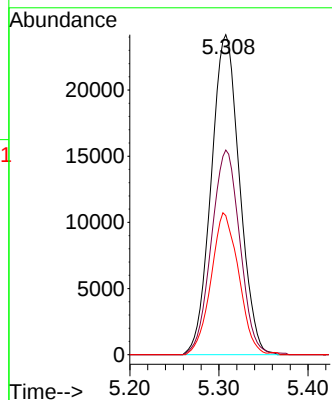
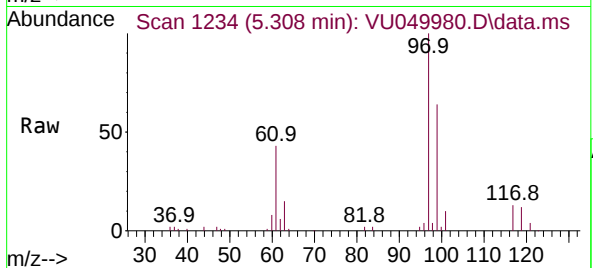




#29
1,1,1-Trichloroethane
Concen: 4.898 ug/L
RT: 5.308 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

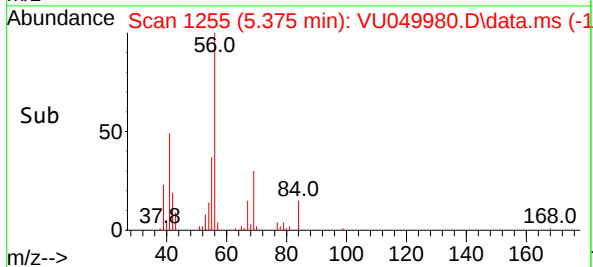
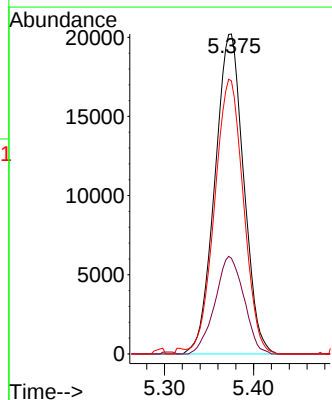
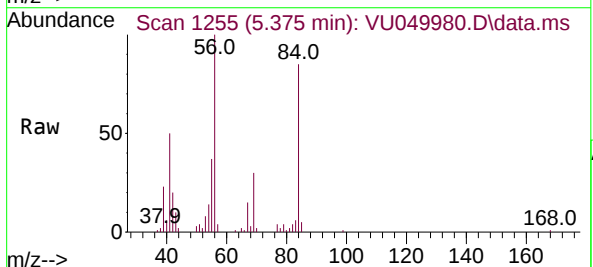
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

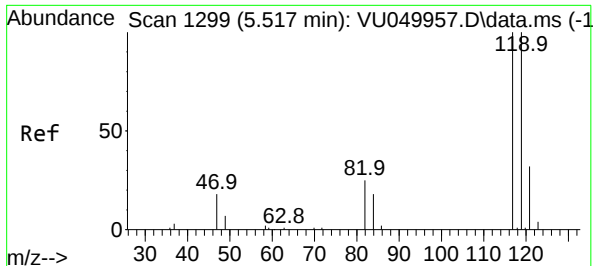
Tgt Ion: 97 Resp: 53456
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 43.2 35.0 52.6



#30
Cyclohexane
Concen: 4.925 ug/L
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion: 56 Resp: 45371
Ion Ratio Lower Upper
56 100
69 30.6 25.1 37.7
84 86.0 70.1 105.1

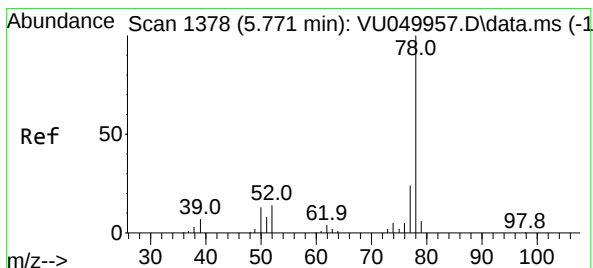
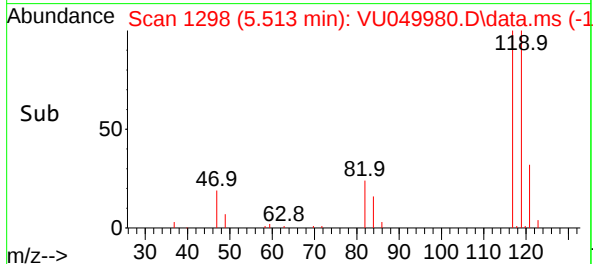
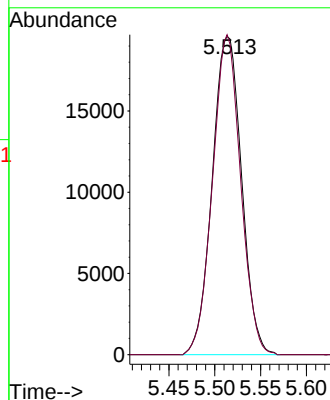
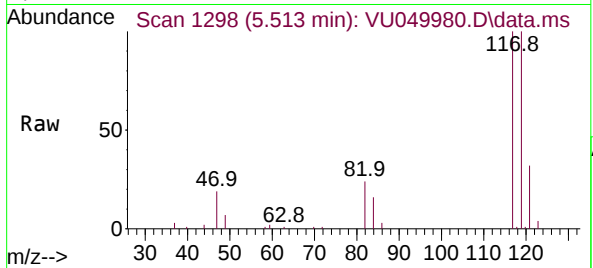




#31
Carbon tetrachloride
Concen: 4.914 ug/L
RT: 5.513 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

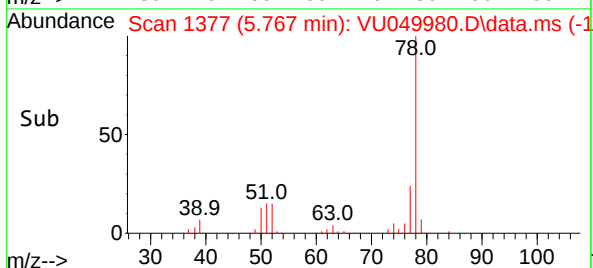
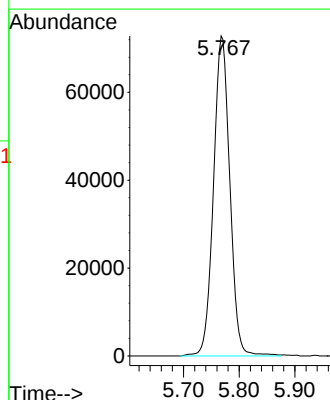
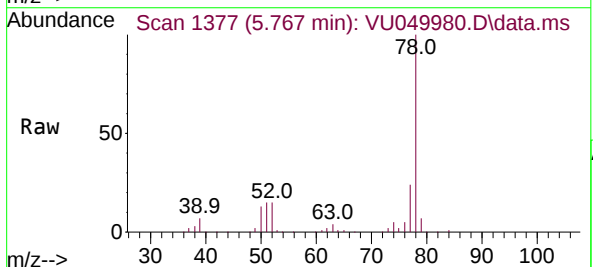
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

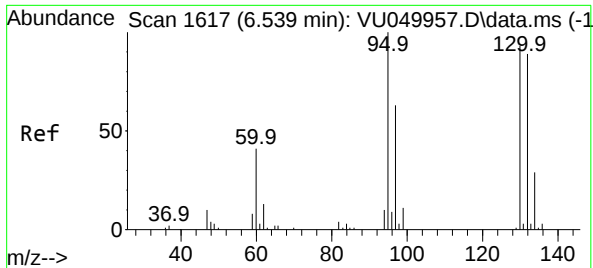
Tgt Ion:117 Resp: 43563
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.6



#33
Benzene
Concen: 4.948 ug/L
RT: 5.767 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion: 78 Resp: 148422



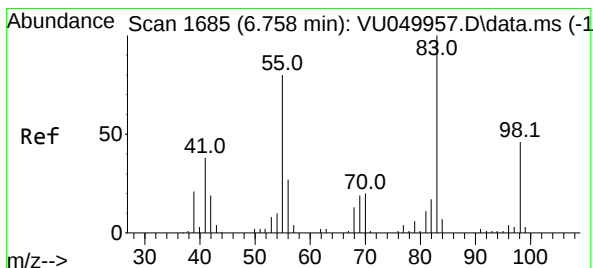
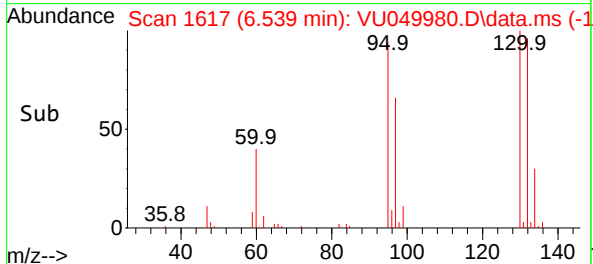
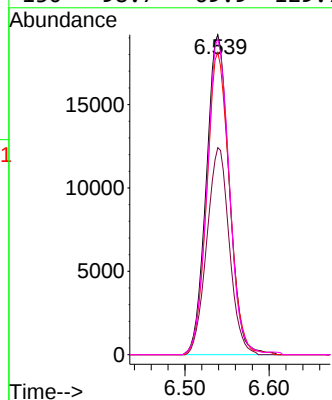
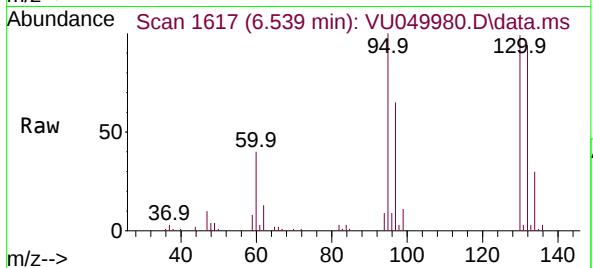


#34
Trichloroethene
Concen: 4.959 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

Tgt Ion: 95 Resp: 36158

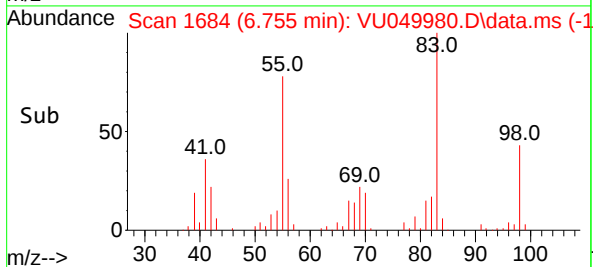
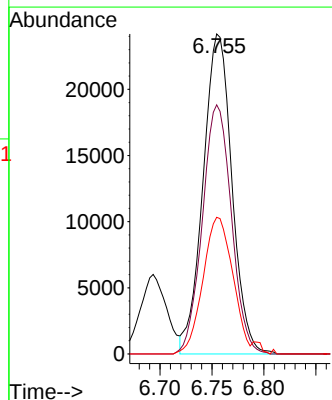
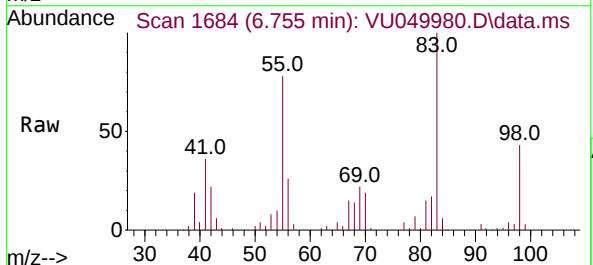
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.6	84.8
132	94.5	66.8	124.2
130	98.7	69.9	129.7

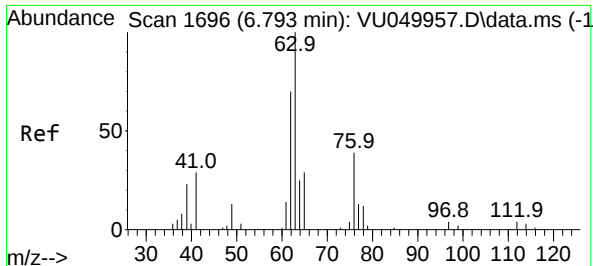


#35
Methylcyclohexane
Concen: 4.862 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion: 83 Resp: 46759

Ion	Ratio	Lower	Upper
83	100		
55	78.3	61.6	92.4
98	43.9	34.8	52.2





#37

1,2-Dichloropropane

Concen: 5.008 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

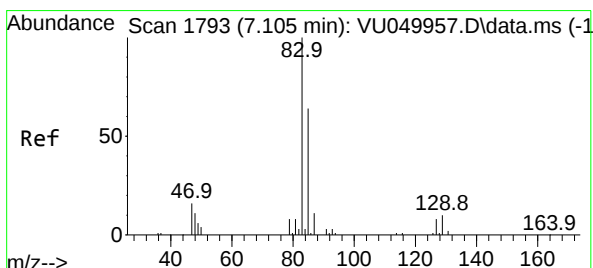
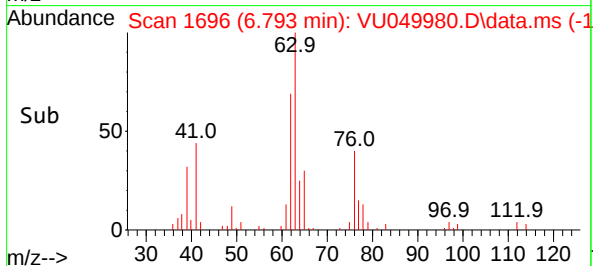
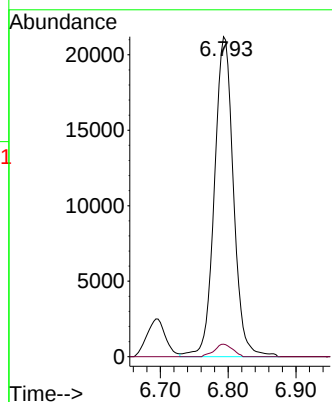
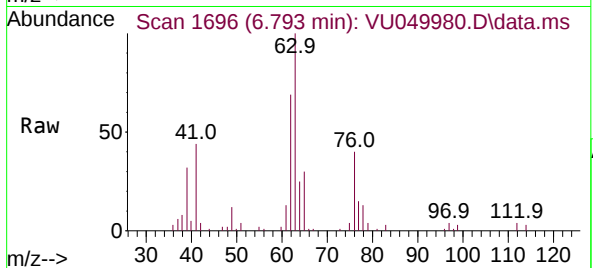
VSTD005137

Tgt Ion: 63 Resp: 41402

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.6



#38

Bromodichloromethane

Concen: 4.981 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

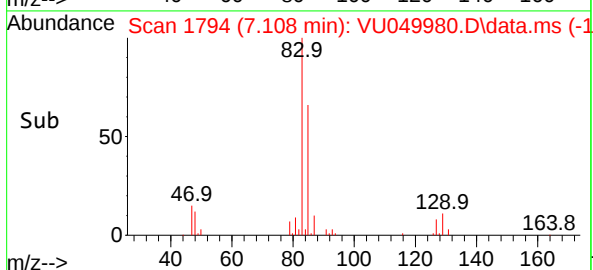
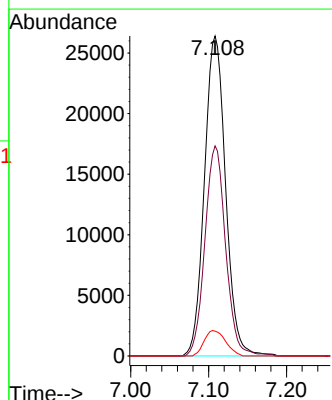
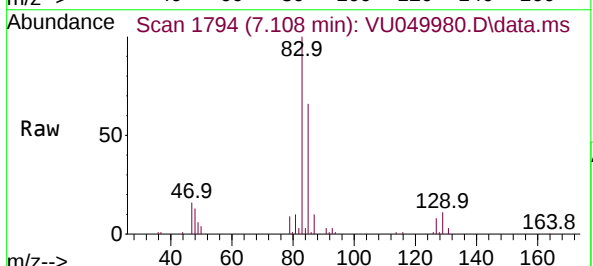
Tgt Ion: 83 Resp: 49822

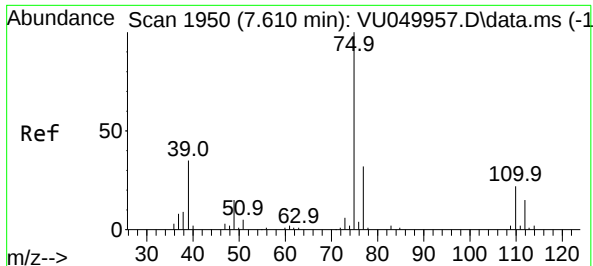
Ion Ratio Lower Upper

83 100

85 65.6 44.9 83.5

127 7.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.896 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

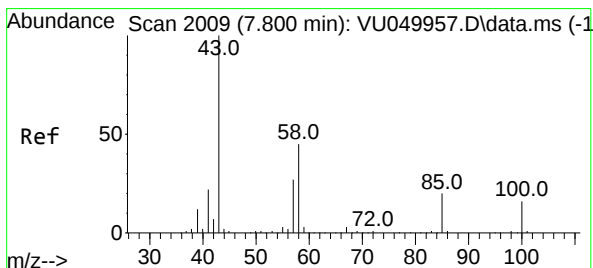
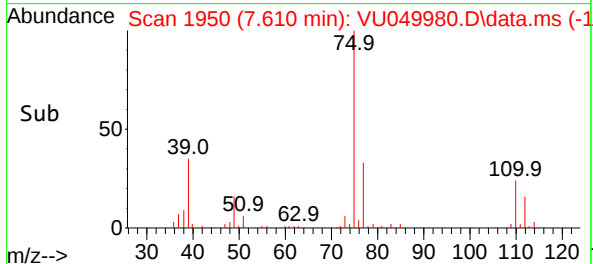
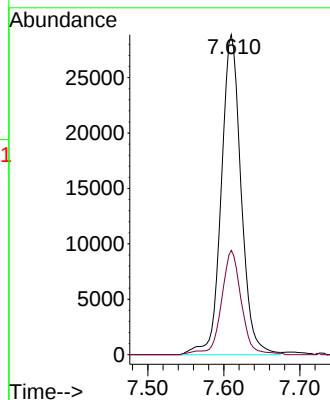
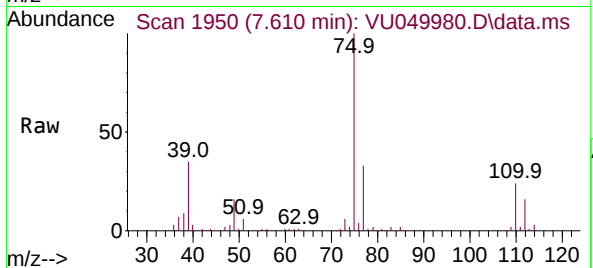
VSTD005137

Tgt Ion: 75 Resp: 52374

Ion Ratio Lower Upper

75 100

77 32.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 53.256 ug/L

RT: 7.806 min Scan# 2011

Delta R.T. 0.006 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

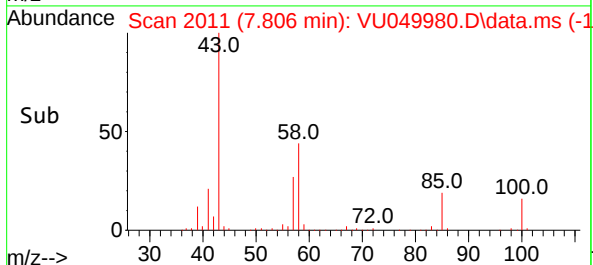
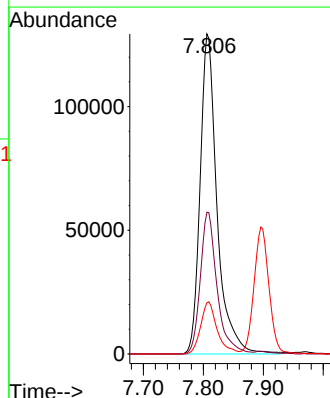
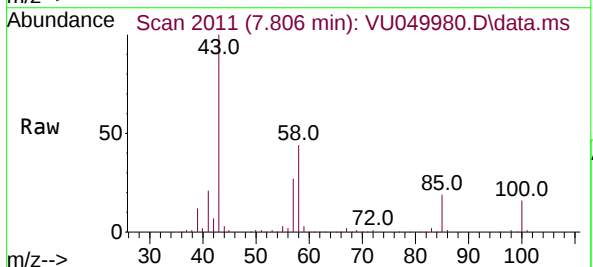
Tgt Ion: 43 Resp: 254381

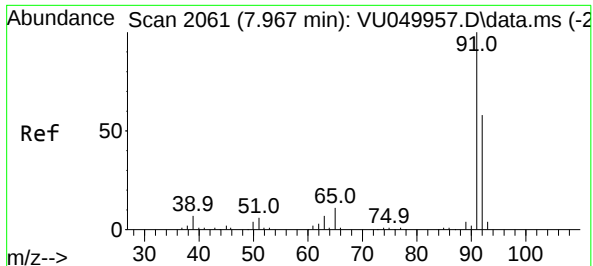
Ion Ratio Lower Upper

43 100

58 43.8 35.5 53.3

100 15.9 13.2 19.8





#42

Toluene

Concen: 5.141 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

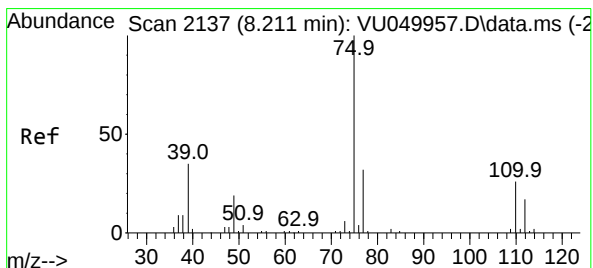
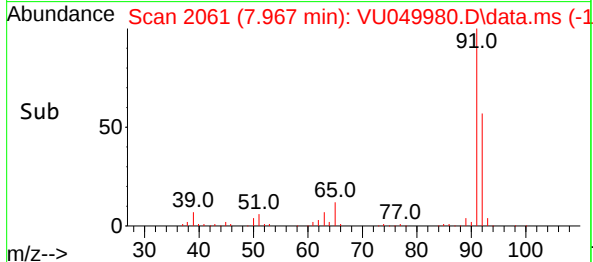
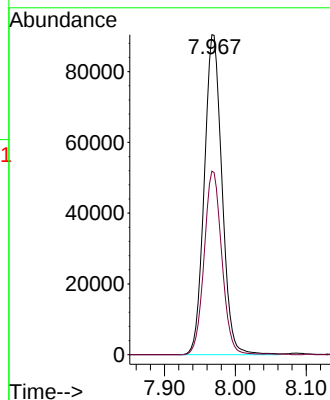
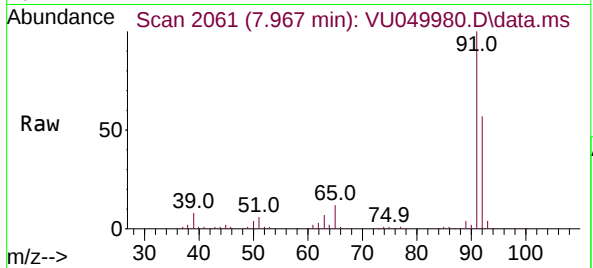
VSTD005137

Tgt Ion: 91 Resp: 156818

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.056 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU049980.D

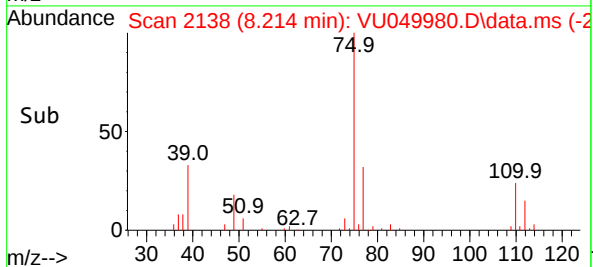
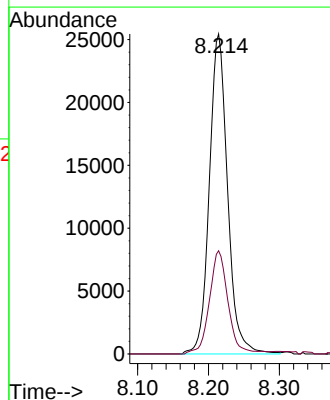
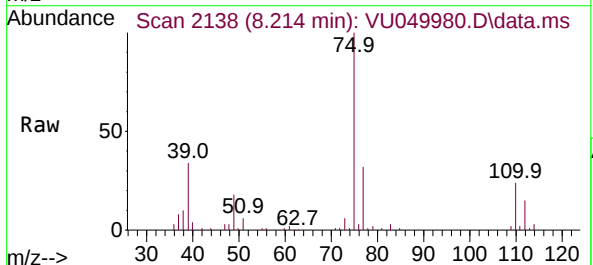
Acq: 28 Jul 2022 11:41

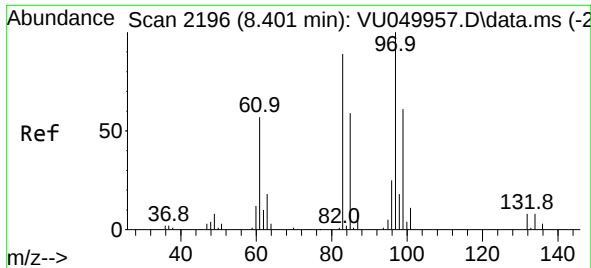
Tgt Ion: 75 Resp: 45419

Ion Ratio Lower Upper

75 100

77 32.3 24.1 44.8

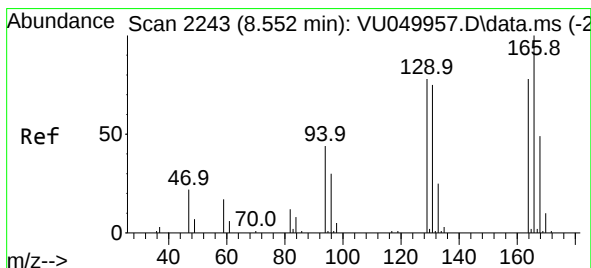
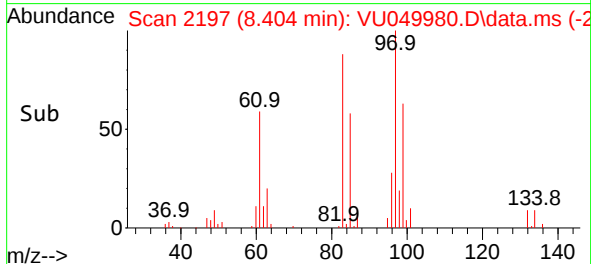
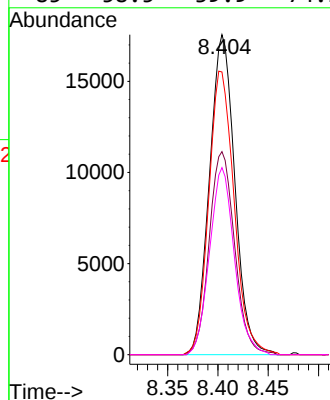
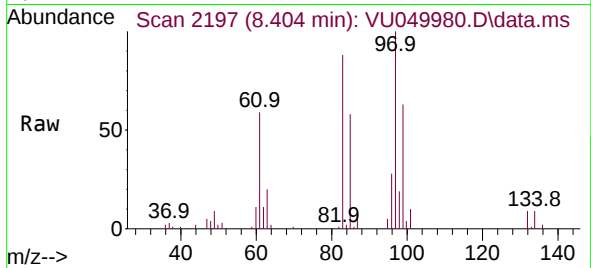




#45
1,1,2-Trichloroethane
Concen: 4.990 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

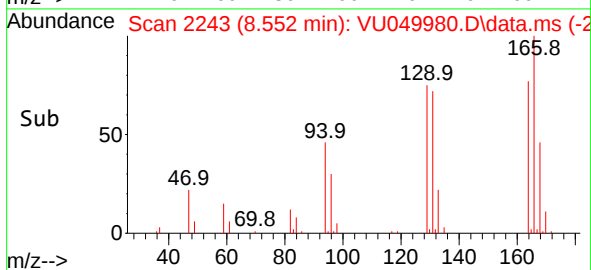
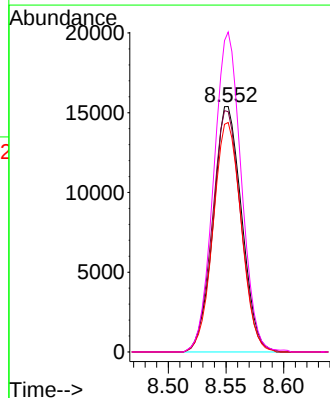
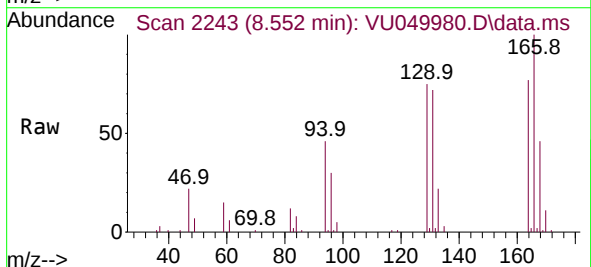
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

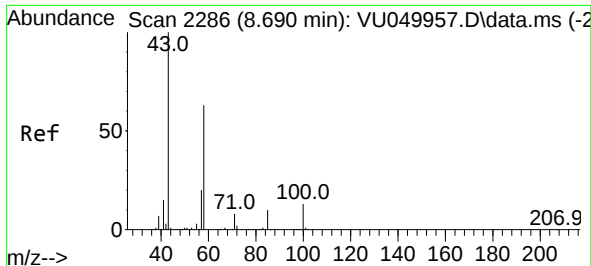
Tgt Ion: 97	Resp: 30821
Ion Ratio	Lower Upper
97 100	
99 63.4	43.5 80.9
83 88.3	59.9 111.3
85 58.5	39.9 74.1



#47
Tetrachloroethene
Concen: 5.019 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt	Ion:164	Resp:	26336
Ion	Ratio	Lower	Upper
164	100		
129	97.9	66.3	123.1
131	93.5	63.1	117.1
166	130.4	84.6	157.0



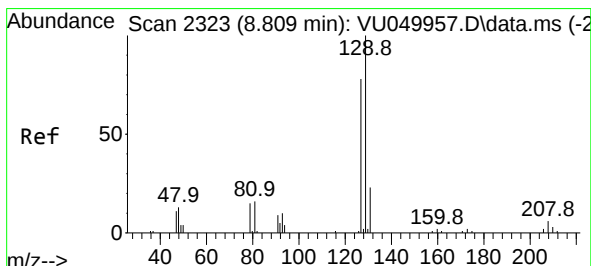
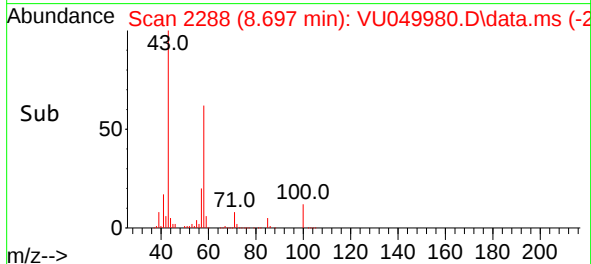
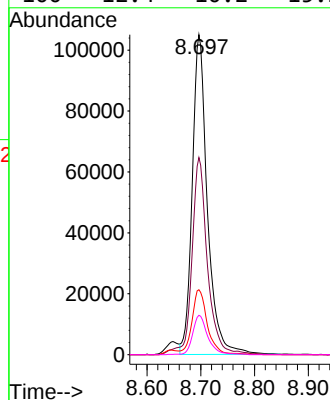
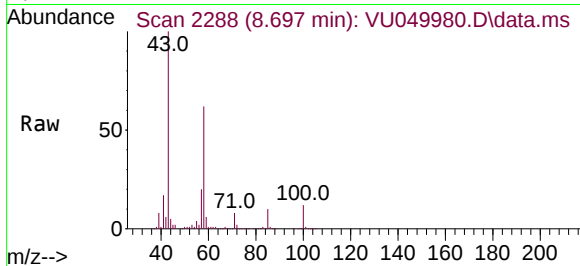


#48
2-Hexanone
Concen: 56.330 ug/L
RT: 8.697 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

Tgt Ion: 43 Resp: 205107

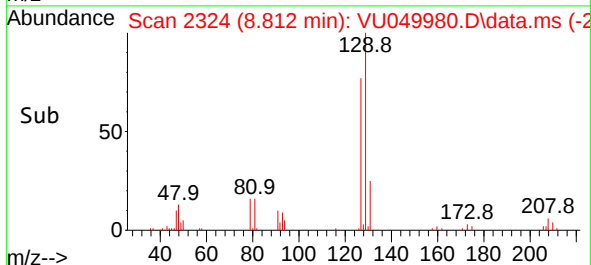
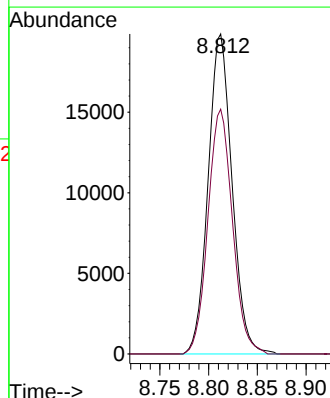
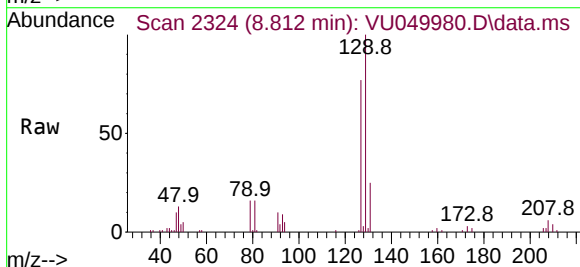
Ion	Ratio	Lower	Upper
43	100		
58	63.2	49.4	74.0
57	20.9	17.0	25.4
100	12.4	10.2	15.2

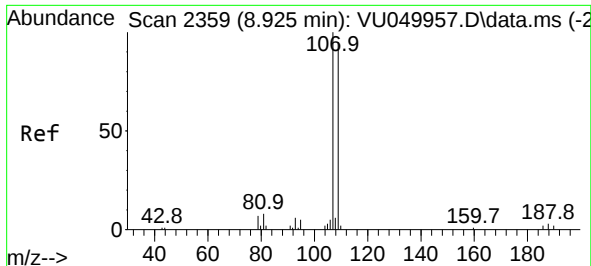


#49
Dibromochloromethane
Concen: 5.014 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion: 129 Resp: 33892

Ion	Ratio	Lower	Upper
129	100		
127	76.5	54.5	101.1





#50

1,2-Dibromoethane

Concen: 5.164 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005137

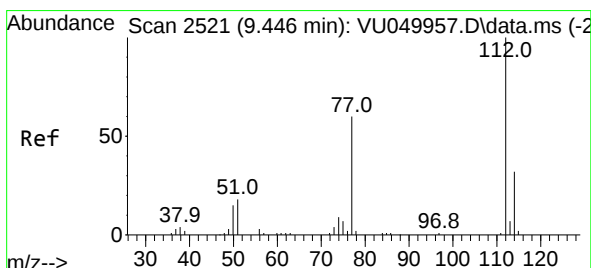
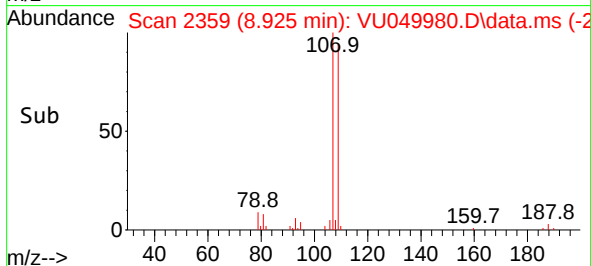
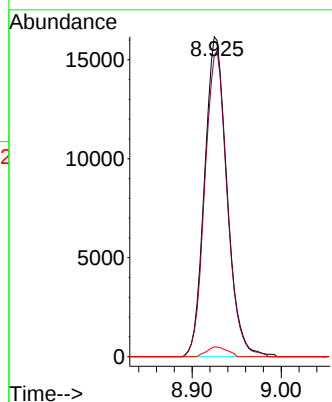
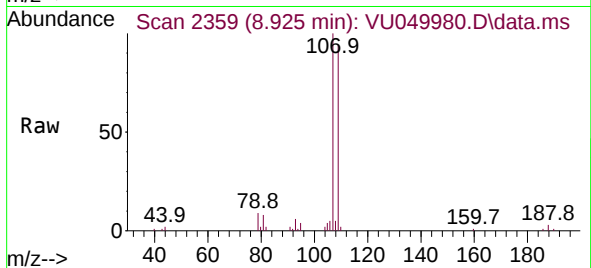
Tgt Ion:107 Resp: 28326

Ion Ratio Lower Upper

107 100

109 94.2 62.7 116.5

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 5.191 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

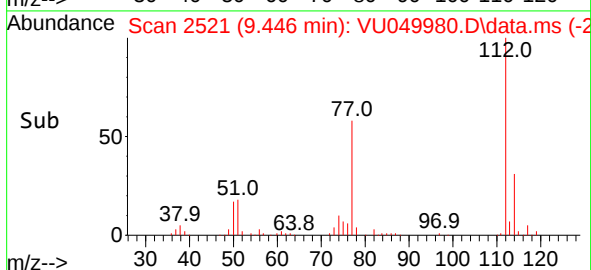
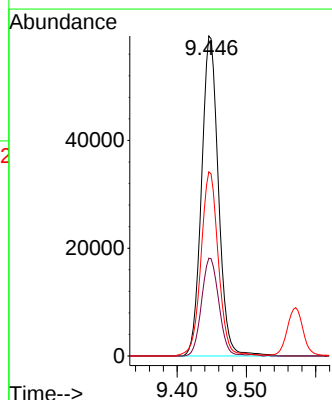
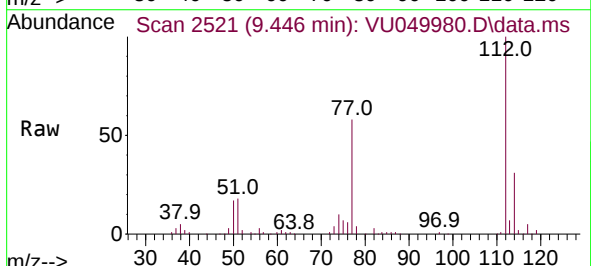
Tgt Ion:112 Resp: 100501

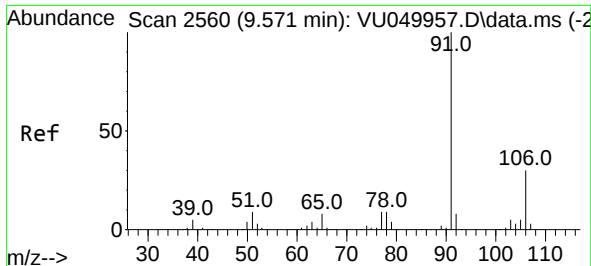
Ion Ratio Lower Upper

112 100

114 30.6 22.4 41.6

77 57.6 48.2 72.4





#52

Ethylbenzene

Concen: 5.215 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

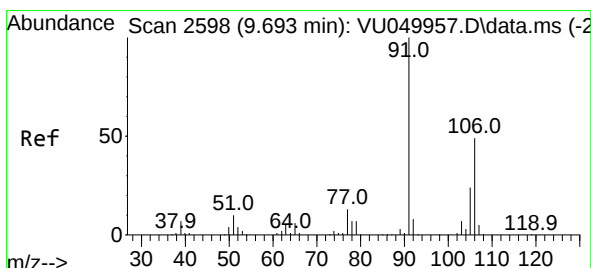
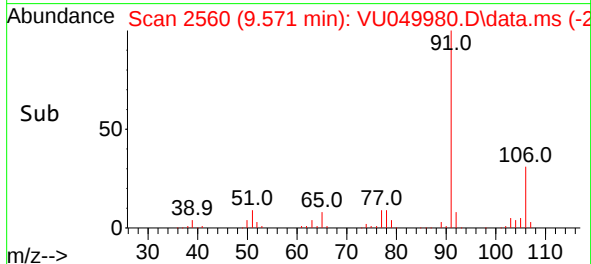
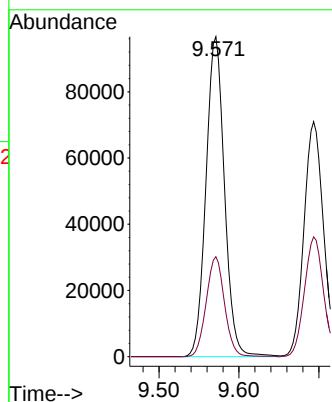
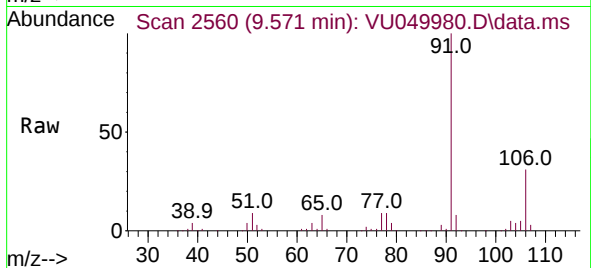
VSTD005137

Tgt Ion: 91 Resp: 155819

Ion Ratio Lower Upper

91 100

106 31.3 21.6 40.0



#53

m,p-Xylene

Concen: 5.336 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU049980.D

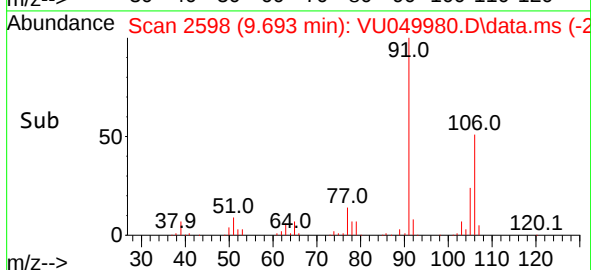
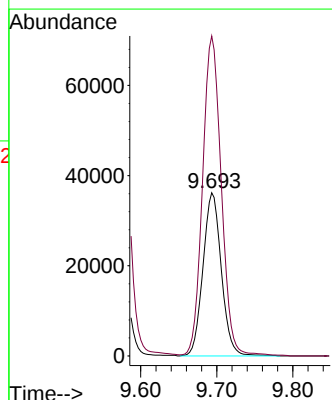
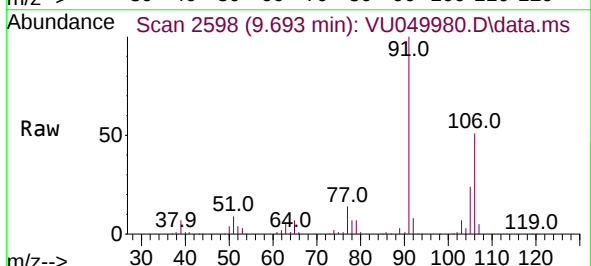
Acq: 28 Jul 2022 11:41

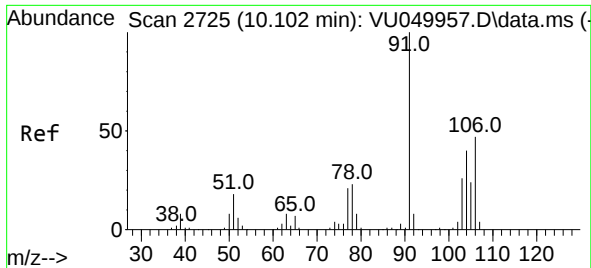
Tgt Ion: 106 Resp: 60713

Ion Ratio Lower Upper

106 100

91 196.2 142.4 264.4

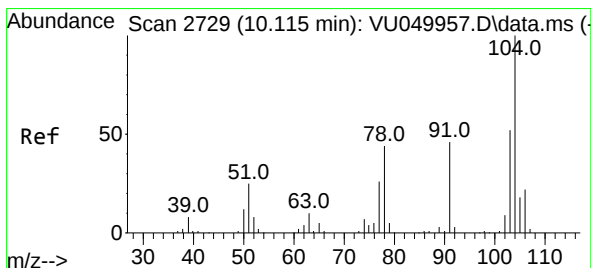
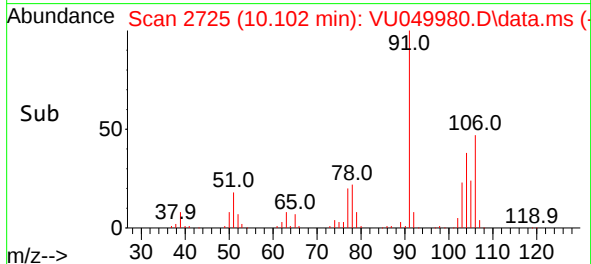
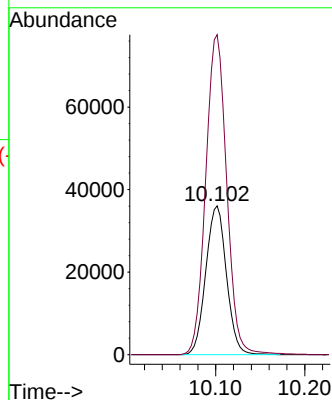
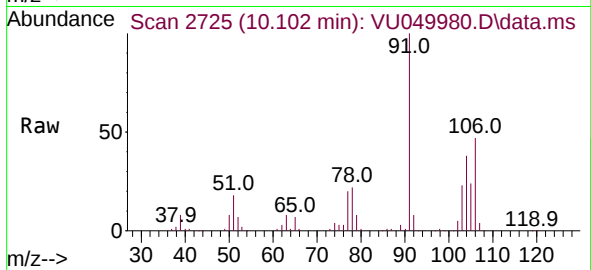




#54
o-Xylene
Concen: 5.268 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

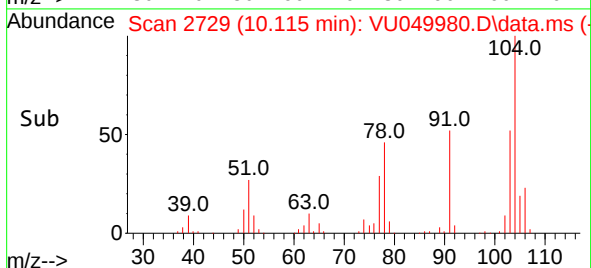
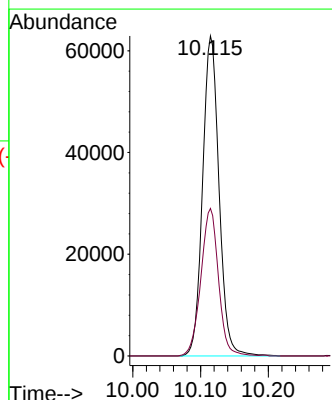
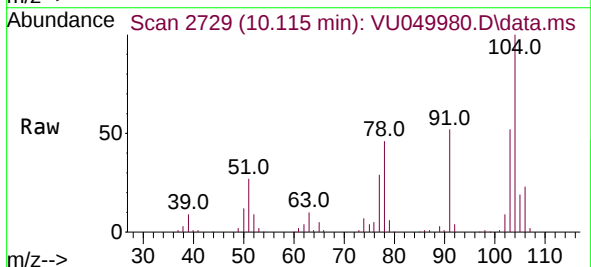
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

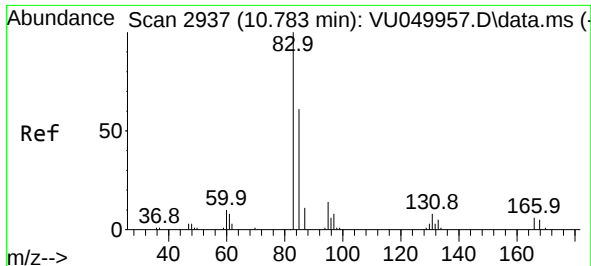
Tgt Ion:106 Resp: 58115
Ion Ratio Lower Upper
106 100
91 215.0 148.7 276.1



#55
Styrene
Concen: 5.637 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion:104 Resp: 105921
Ion Ratio Lower Upper
104 100
78 46.1 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.201 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005137

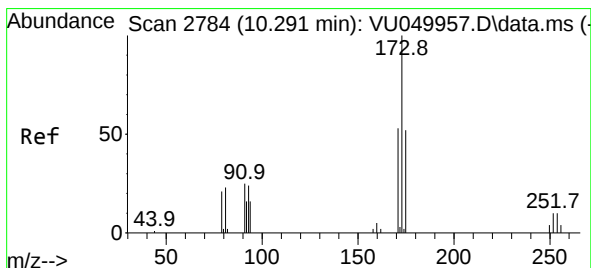
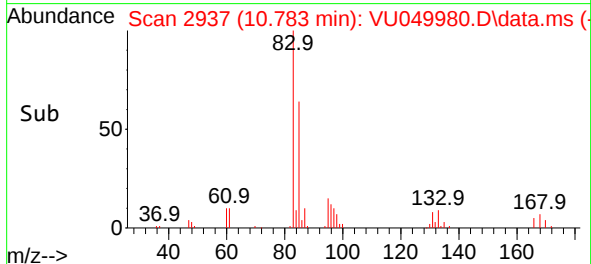
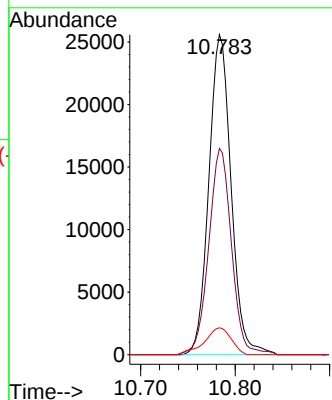
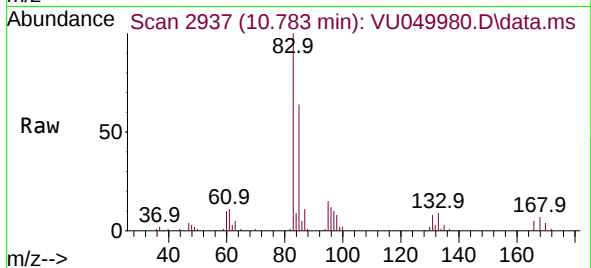
Tgt Ion: 83 Resp: 41820

Ion Ratio Lower Upper

83 100

85 64.4 46.6 86.6

131 8.4 7.9 11.9



#59

Bromoform

Concen: 4.667 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

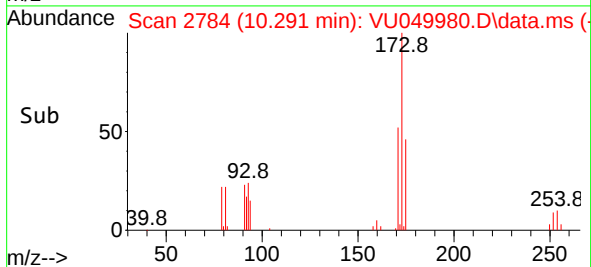
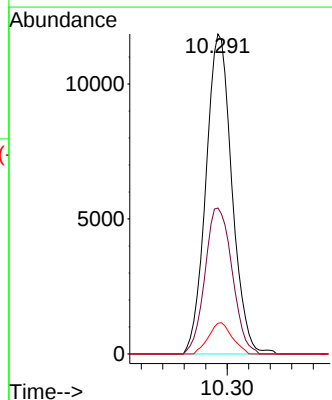
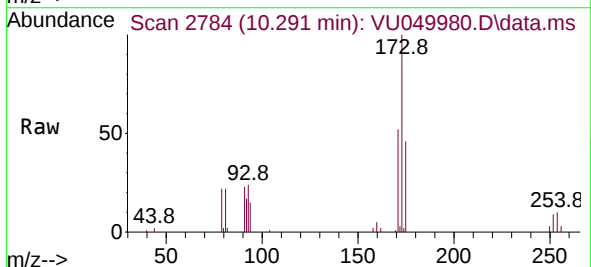
Tgt Ion:173 Resp: 19866

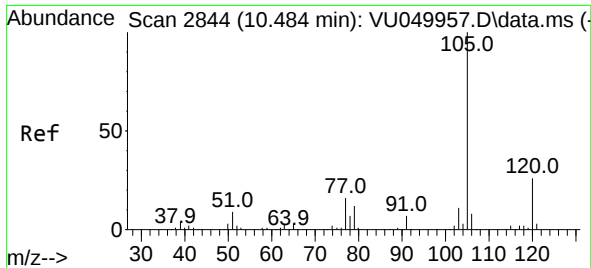
Ion Ratio Lower Upper

173 100

175 47.8 39.1 58.7

254 8.9 7.5 11.3

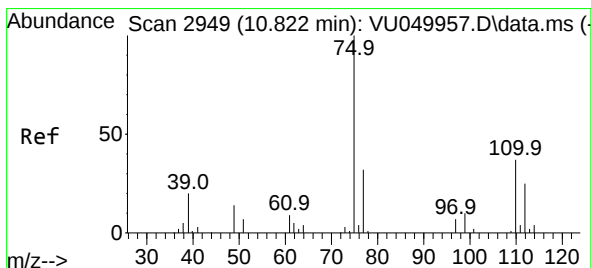
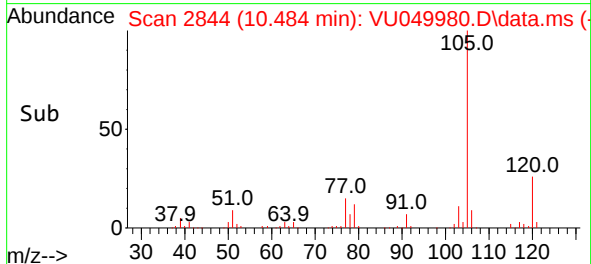
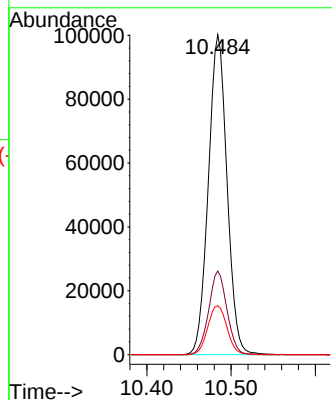
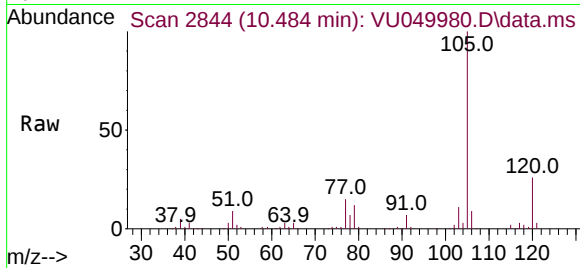




#60
Isopropylbenzene
Concen: 4.936 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

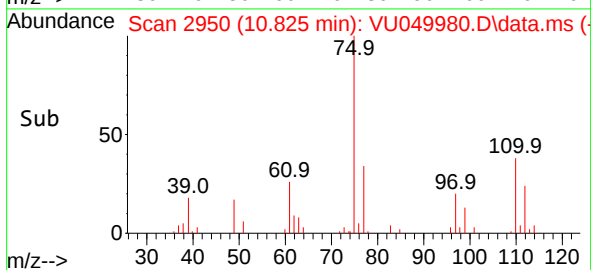
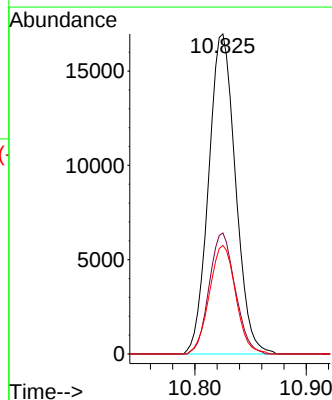
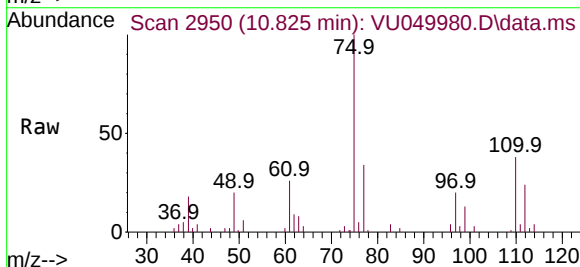
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

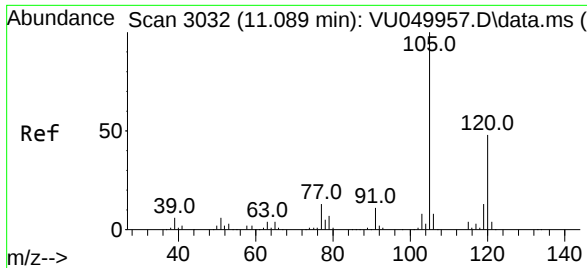
Tgt Ion:105 Resp: 154414
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.627 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion: 75 Resp: 28459
Ion Ratio Lower Upper
75 100
110 36.4 28.1 42.1
77 33.2 24.7 37.1

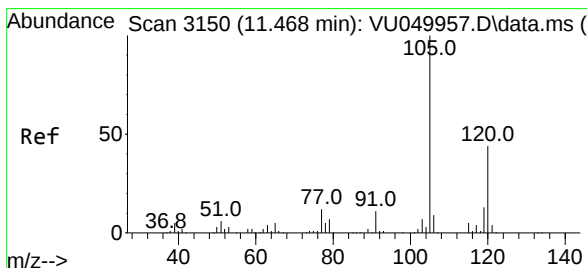
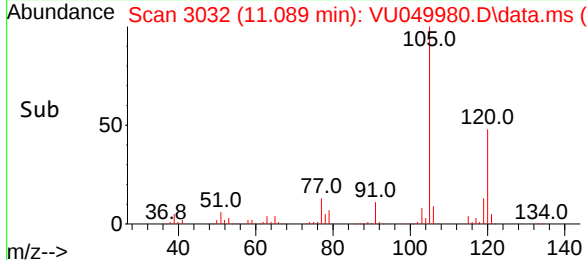
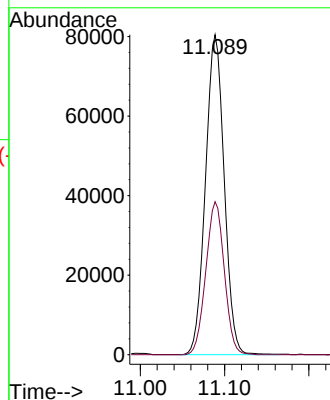
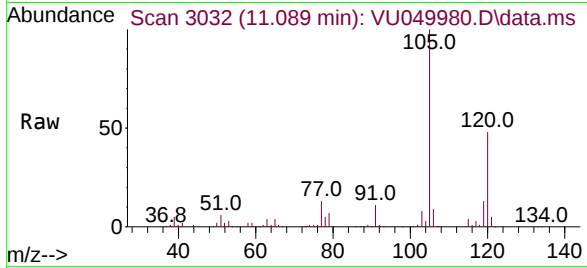




#62
1,3,5-Trimethylbenzene
Concen: 4.898 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

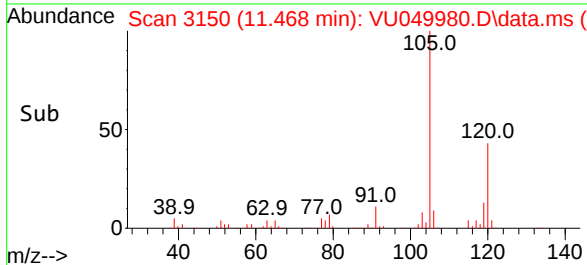
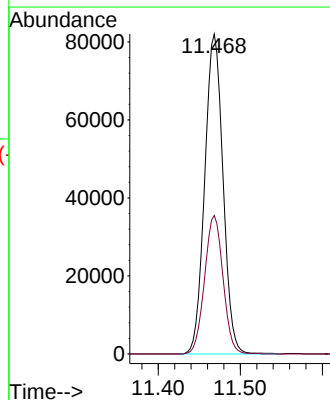
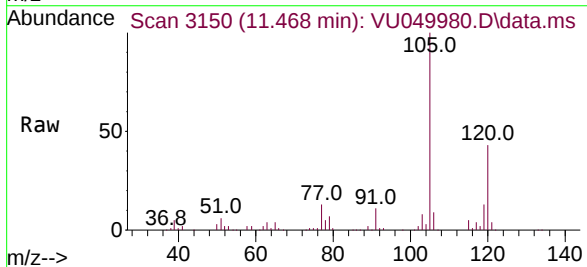
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

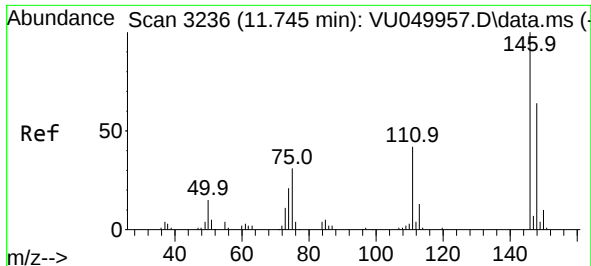
Tgt Ion:105 Resp: 124498
Ion Ratio Lower Upper
105 100
120 47.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.150 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion:105 Resp: 126862
Ion Ratio Lower Upper
105 100
120 43.6 35.4 53.2

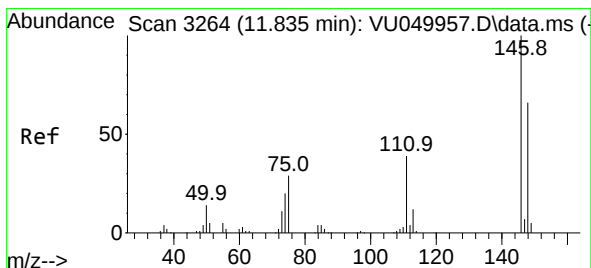
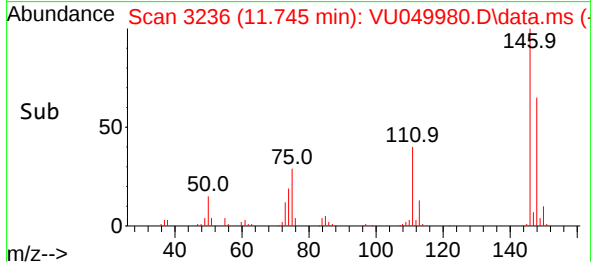
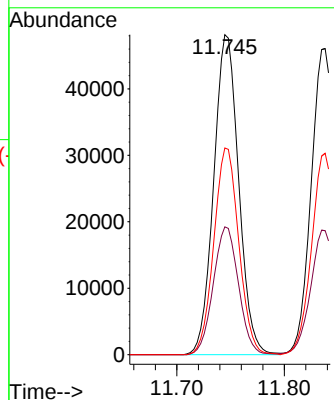
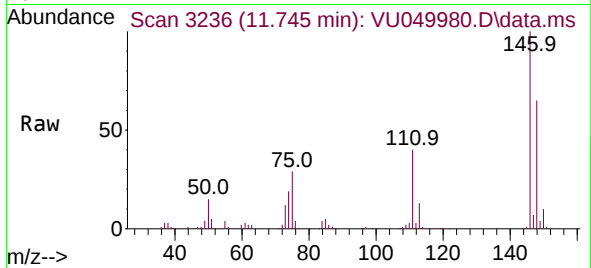




#64
1,3-Dichlorobenzene
Concen: 5.187 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

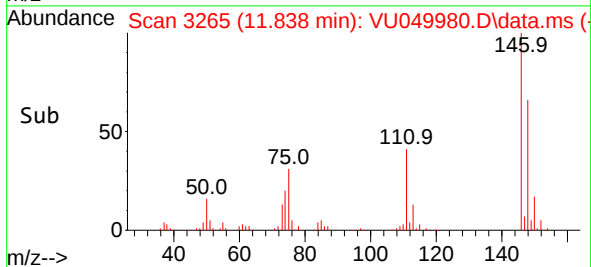
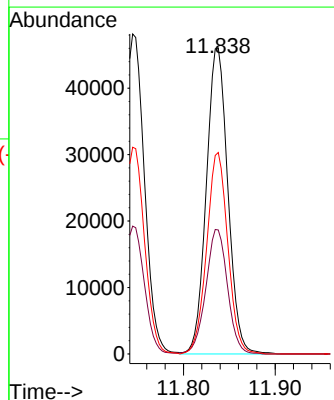
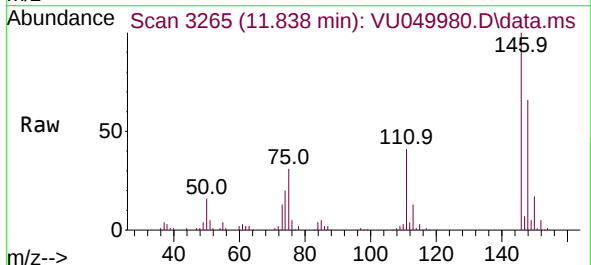
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

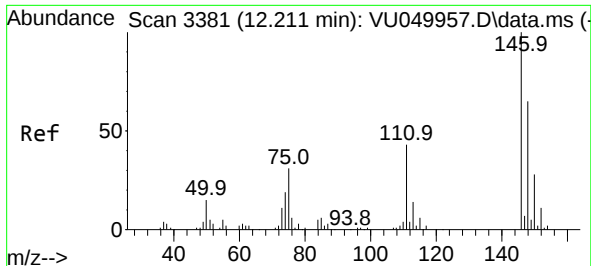
Tgt Ion:146 Resp: 77709
Ion Ratio Lower Upper
146 100
111 40.0 28.9 53.7
148 64.6 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 5.080 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion:146 Resp: 75294
Ion Ratio Lower Upper
146 100
111 40.5 26.4 49.0
148 65.8 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.034 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005137

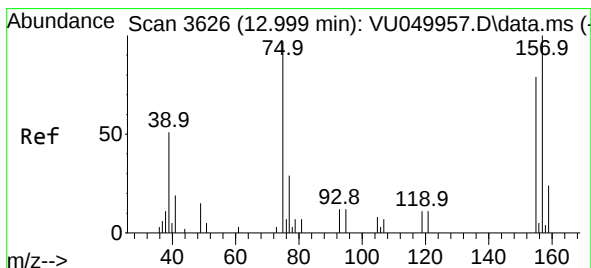
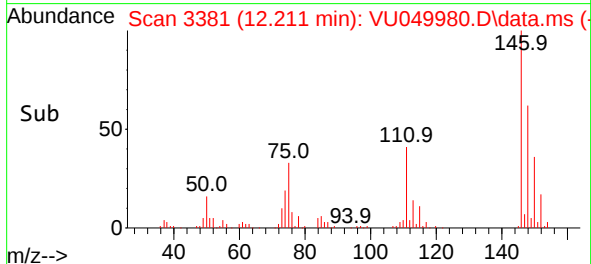
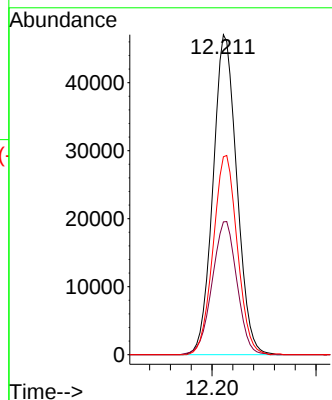
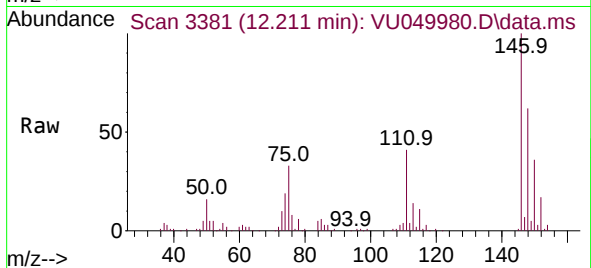
Tgt Ion:146 Resp: 74916

Ion Ratio Lower Upper

146 100

111 41.5 33.4 50.2

148 61.8 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.971 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

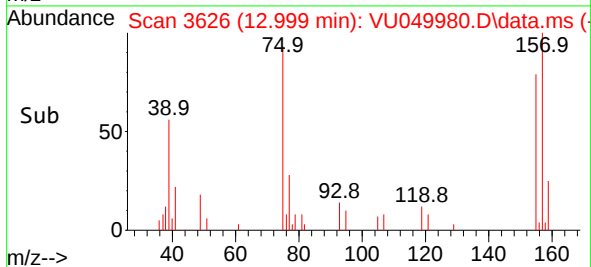
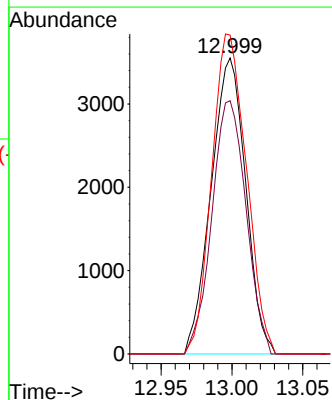
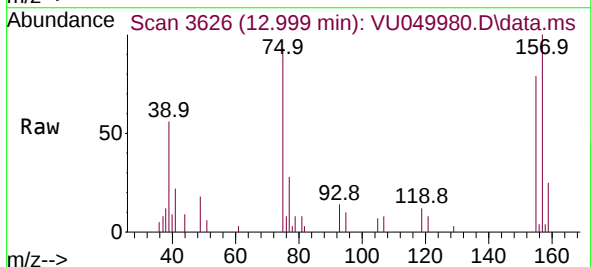
Tgt Ion: 75 Resp: 6039

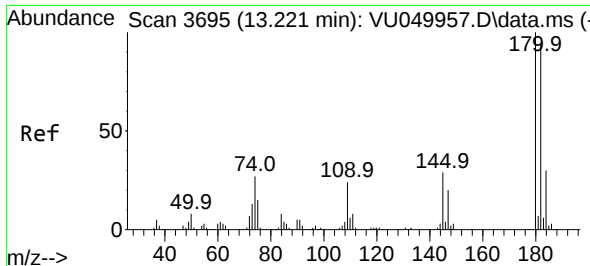
Ion Ratio Lower Upper

75 100

155 85.6 59.4 89.0

157 107.7 73.8 110.6





#69

1,3,5-Trichlorobenzene

Concen: 5.358 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005137

Tgt Ion:180 Resp: 57865

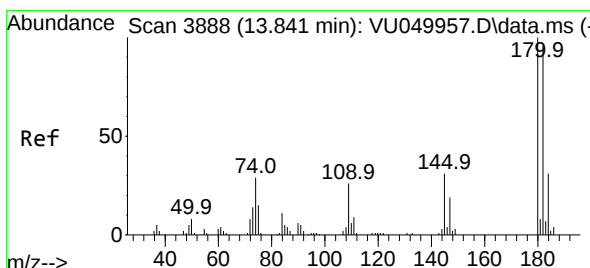
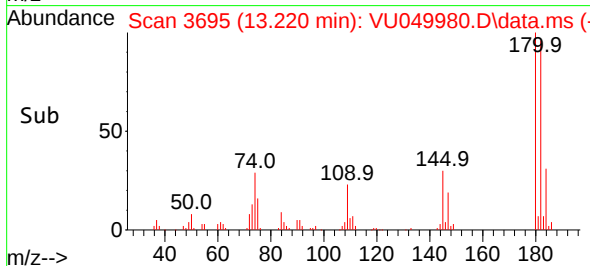
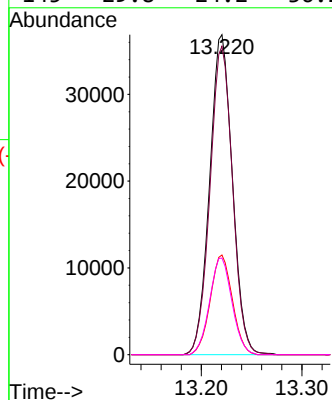
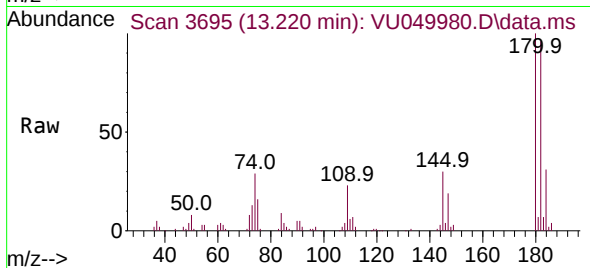
Ion Ratio Lower Upper

180 100

182 95.6 77.2 115.8

184 30.3 23.9 35.9

145 29.8 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.481 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU049980.D

Acq: 28 Jul 2022 11:41

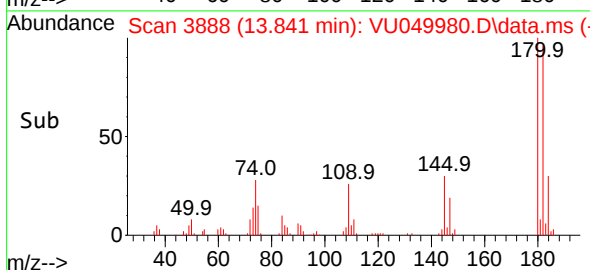
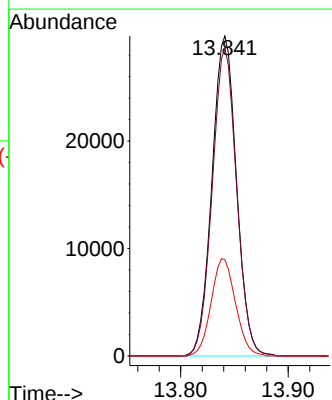
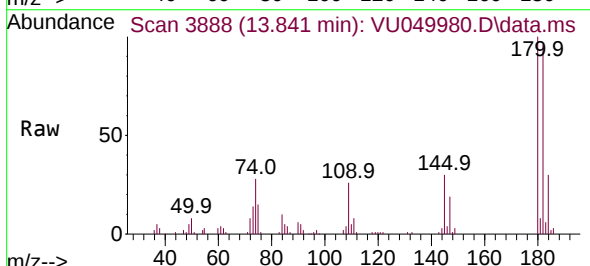
Tgt Ion:180 Resp: 47222

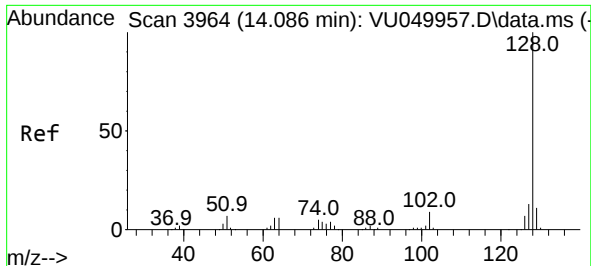
Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.6

145 30.2 23.8 35.8

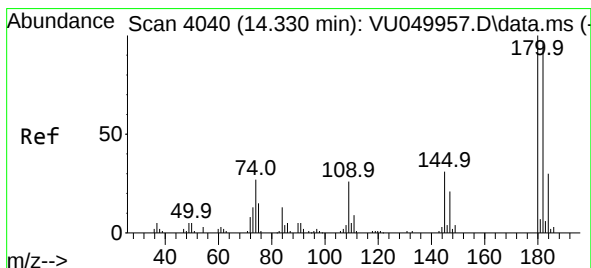
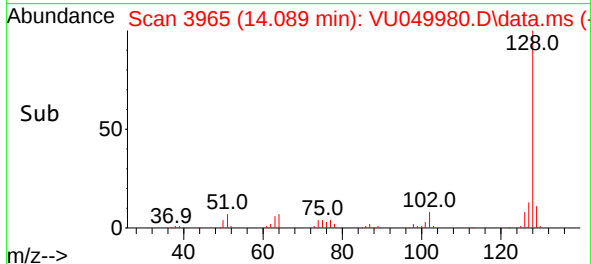
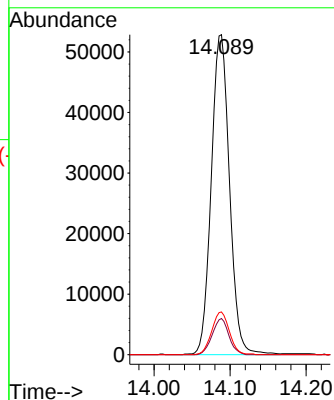
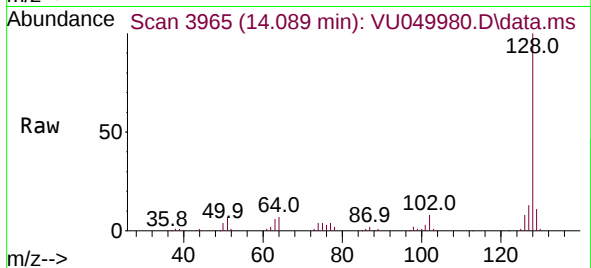




#71
Naphthalene
Concen: 5.156 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

Tgt Ion:128 Resp: 88083
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 12.9 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.462 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049980.D
Acq: 28 Jul 2022 11:41

Tgt Ion:180 Resp: 46707
Ion Ratio Lower Upper
180 100
182 93.9 77.0 115.4
145 31.5 26.3 39.5

