

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
 Data File : VU048973.D
 Acq On : 09 Jun 2022 11:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050142

Quant Time: Jun 10 00:58:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 26 06:51:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	350091	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	327450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	169948	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	123196	57.453	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 114.900%	
7) Chloroethane-d5	1.906	69	93873	58.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 116.860%	
11) 1,1-Dichloroethene-d2	2.568	63	230224	47.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 94.940%	
21) 2-Butanone-d5	4.623	46	258570	126.715	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 126.720%	
24) Chloroform-d	5.063	84	261399	48.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 96.480%	
26) 1,2-Dichloroethane-d4	5.703	65	162047	42.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 84.780%	
32) Benzene-d6	5.729	84	496819	54.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.040%	
36) 1,2-Dichloropropane-d6	6.690	67	165779	61.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 123.940%#	
41) Toluene-d8	7.899	98	470865	54.931	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.860%	
43) trans-1,3-Dichloroprop...	8.182	79	82661	48.318	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 96.640%	
47) 2-Hexanone-d5	8.632	63	179821	122.561	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 122.560%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	247997	56.019	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 112.040%	
66) 1,2-Dichlorobenzene-d4	12.195	152	177680	51.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	156036	41.474	ug/L	99
3) Chloromethane	1.523	50	148760	64.083	ug/L	97
5) Vinyl chloride	1.604	62	150166	60.811	ug/L	99
6) Bromomethane	1.851	94	86508	48.526	ug/L	99
8) Chloroethane	1.929	64	87283	60.051	ug/L	99
9) Trichlorofluoromethane	2.138	101	211288	43.829	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	120574	49.050	ug/L	97
12) 1,1-Dichloroethene	2.578	96	107867	47.356	ug/L	95
13) Acetone	2.626	43	202951	122.421	ug/L	94
14) Carbon disulfide	2.793	76	297354	44.985	ug/L	98
15) Methyl Acetate	2.948	43	169508	59.910	ug/L	96
16) Methylene chloride	3.044	84	134291	50.642	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	117385	47.781	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	428197	50.237	ug/L	96
19) 1,1-Dichloroethane	3.871	63	233569	51.930	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	139118	50.213	ug/L	98
22) 2-Butanone	4.703	43	265254	126.014	ug/L	96
23) Bromochloromethane	4.977	128	70600	45.922	ug/L	94
25) Chloroform	5.089	83	245260	46.717	ug/L	99

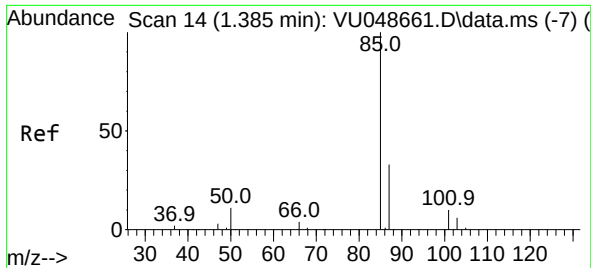
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
 Data File : VU048973.D
 Acq On : 09 Jun 2022 11:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050142

Quant Time: Jun 10 00:58:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 26 06:51:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	188516	41.859	ug/L #	95
29) Cyclohexane	5.388	56	191020	56.796	ug/L	94
30) 1,1,1-Trichloroethane	5.317	97	218237	44.017	ug/L	99
31) Carbon tetrachloride	5.523	117	191552	42.392	ug/L	99
33) Benzene	5.774	78	525798	54.962	ug/L	100
34) Trichloroethene	6.543	95	131373	48.538	ug/L	99
35) Methylcyclohexane	6.764	83	203786	52.468	ug/L	96
37) 1,2-Dichloropropane	6.793	63	143613	60.037	ug/L	98
38) Bromodichloromethane	7.105	83	183157	47.324	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	216700	53.059	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	455251	124.711	ug/L	97
42) Toluene	7.970	91	543257	52.100	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	208168	48.332	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	138058	53.894	ug/L	97
46) Tetrachloroethene	8.555	164	97906	44.329	ug/L	96
48) 2-Hexanone	8.684	43	369067	117.999	ug/L	99
49) Dibromochloromethane	8.809	129	153253	46.533	ug/L	96
50) 1,2-Dibromoethane	8.925	107	147624	49.934	ug/L	96
51) Chlorobenzene	9.449	112	342869	47.146	ug/L	99
52) Ethylbenzene	9.571	91	576240	48.358	ug/L	99
53) m,p-Xylene	9.694	106	226986	47.400	ug/L	100
54) o-Xylene	10.102	106	227368	49.561	ug/L	100
55) Styrene	10.115	104	387024	48.521	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	237879	53.730	ug/L	98
59) Bromoform	10.292	173	118093	50.551	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	195630	58.042	ug/L	98
61) Isopropylbenzene	10.484	105	609048	58.191	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	336844	56.610	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	505068	54.586	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	260470	48.258	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	257307	45.940	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	267384	48.705	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	64814	49.736	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	193101	44.886	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	170737	43.880	ug/L	97
71) Naphthalene	14.086	128	638803	49.790	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	187587	48.018	ug/L	99

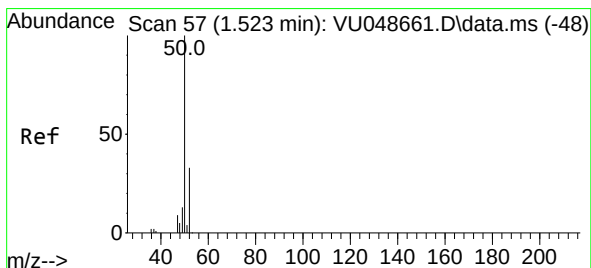
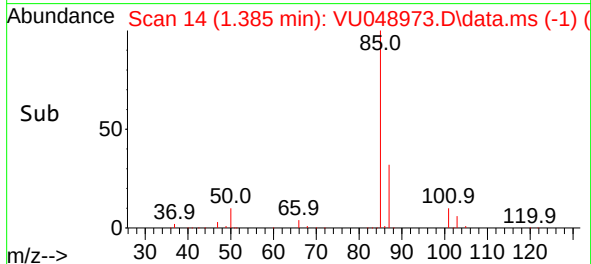
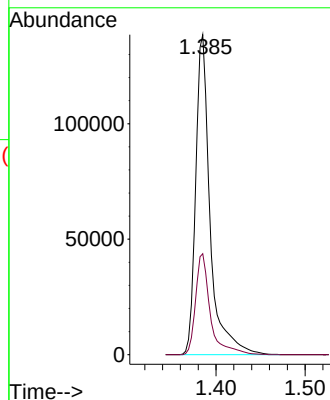
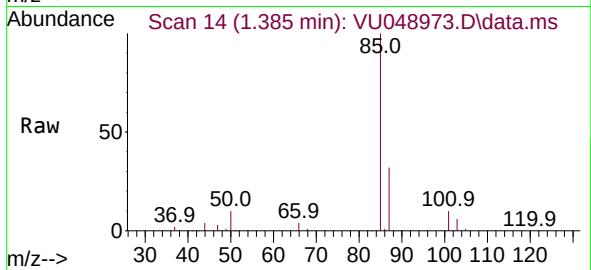
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 41.474 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

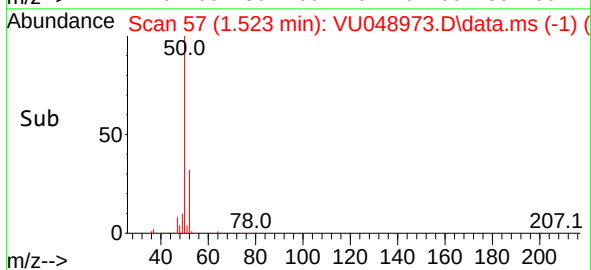
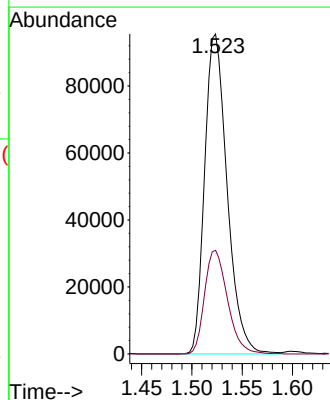
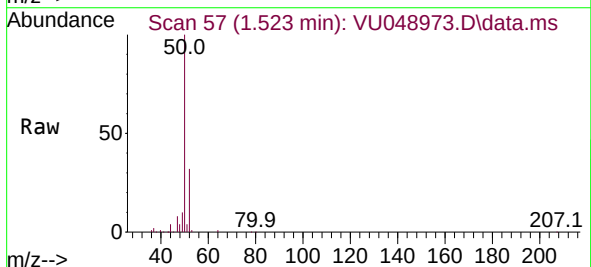
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

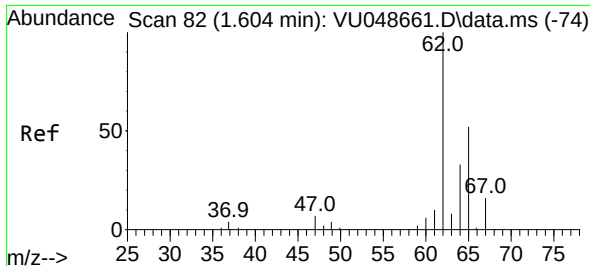
Tgt Ion: 85 Resp: 156036
Ion Ratio Lower Upper
85 100
87 32.4 25.4 38.2



#3
Chloromethane
Concen: 64.083 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion: 50 Resp: 148760
Ion Ratio Lower Upper
50 100
52 32.4 23.8 44.2

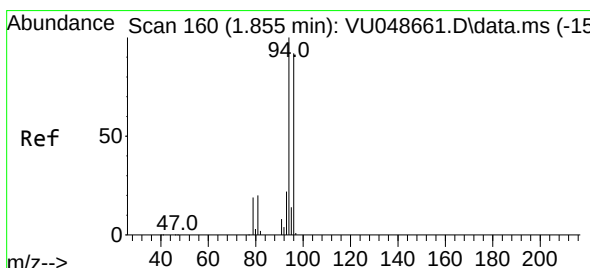
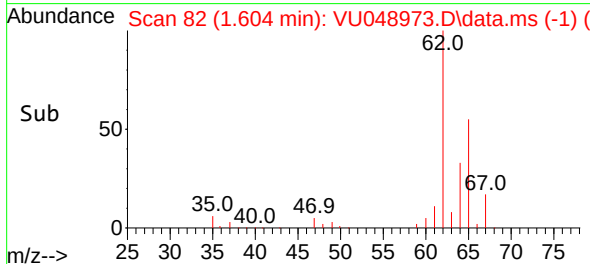
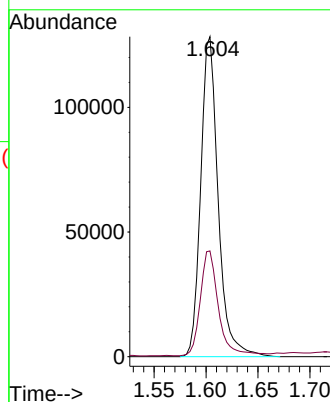
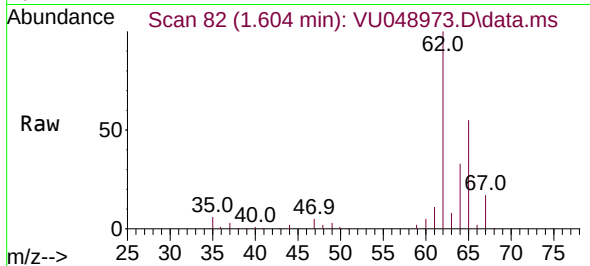




#5
 Vinyl chloride
 Concen: 60.811 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048973.D
 Acq: 09 Jun 2022 11:07

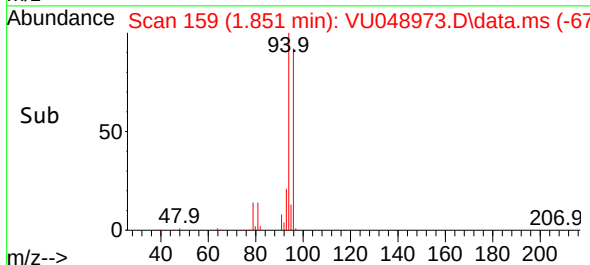
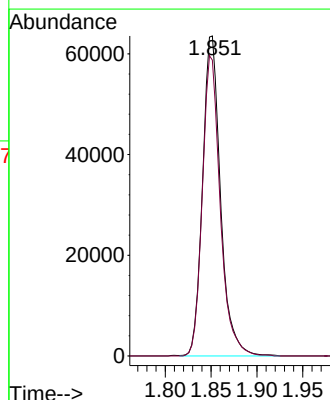
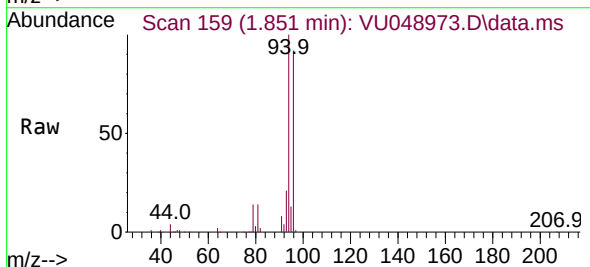
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050142

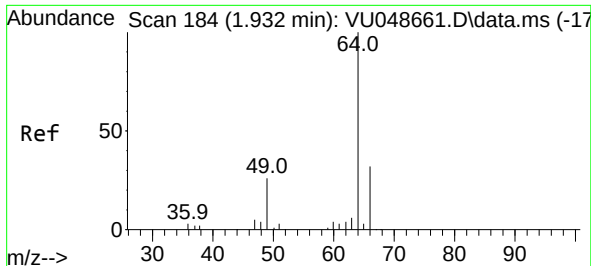
Tgt Ion: 62 Resp: 150166
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 48.526 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VU048973.D
 Acq: 09 Jun 2022 11:07

Tgt Ion: 94 Resp: 86508
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.7 121.9

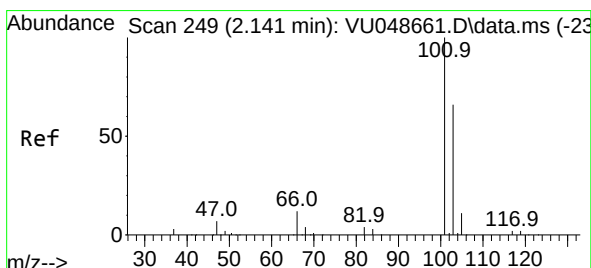
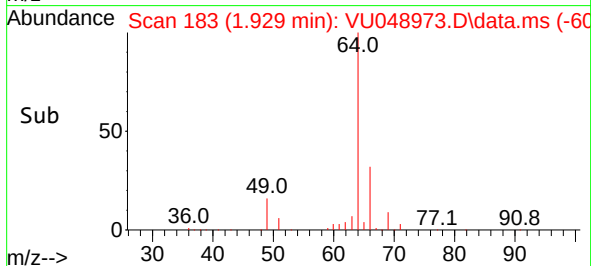
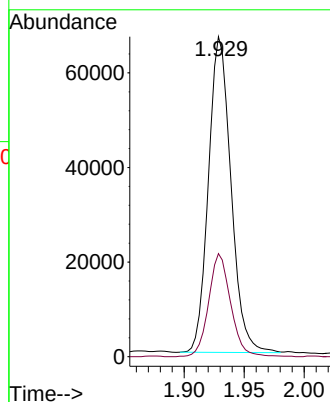
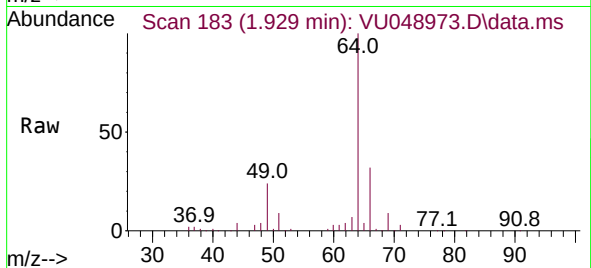




#8
Chloroethane
Concen: 60.051 ug/L
RT: 1.929 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

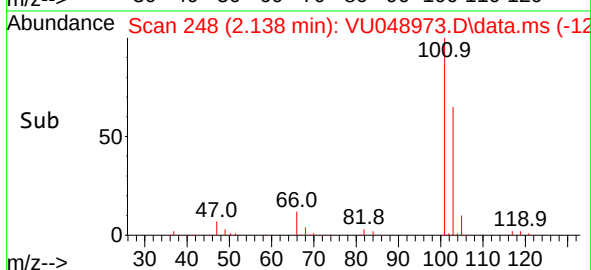
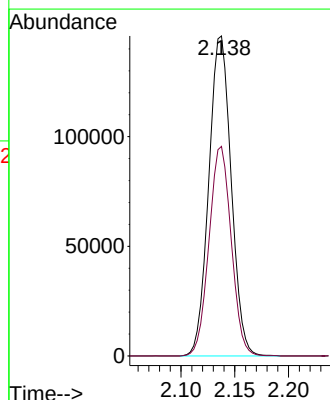
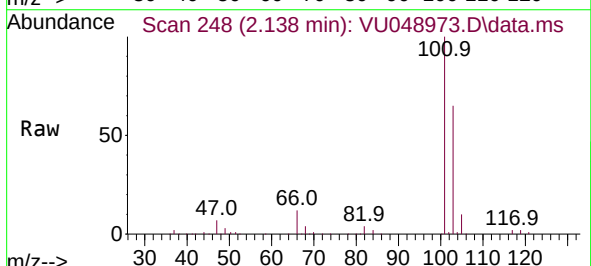
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

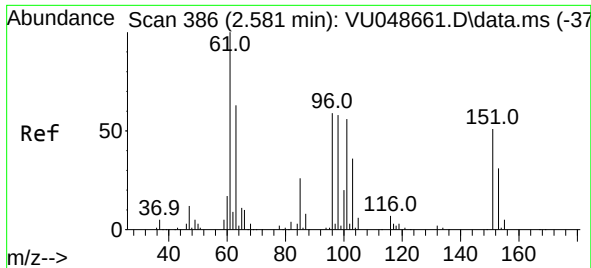
Tgt Ion: 64 Resp: 87283
Ion Ratio Lower Upper
64 100
66 32.2 23.1 42.9



#9
Trichlorofluoromethane
Concen: 43.829 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion:101 Resp: 211288
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

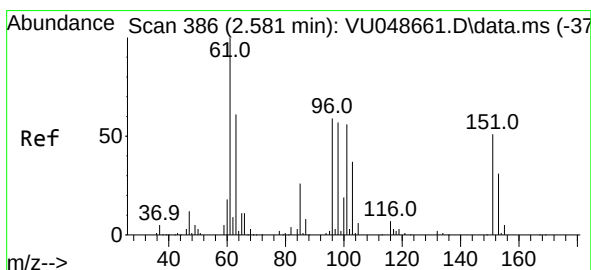
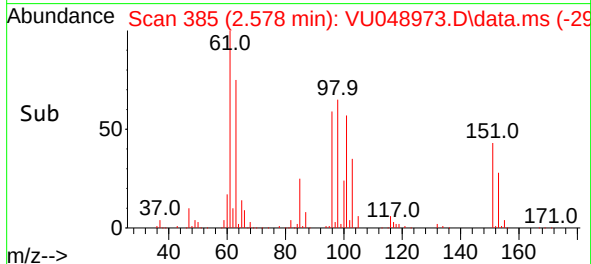
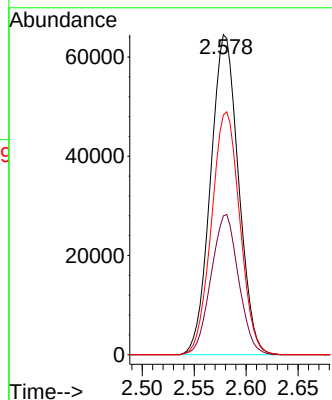
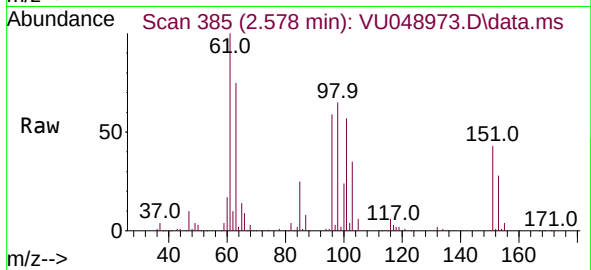




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.050 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU048973.D
 Acq: 09 Jun 2022 11:07

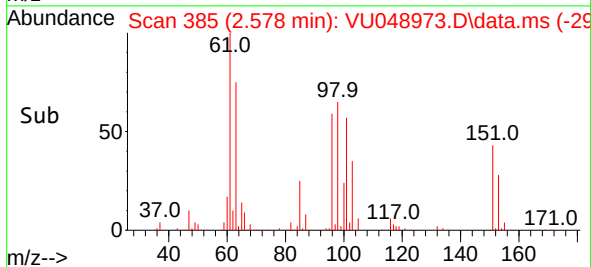
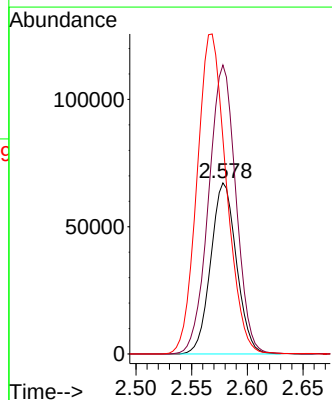
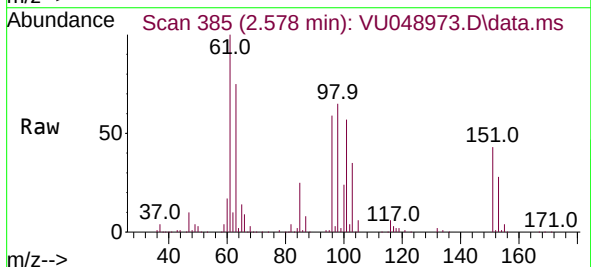
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050142

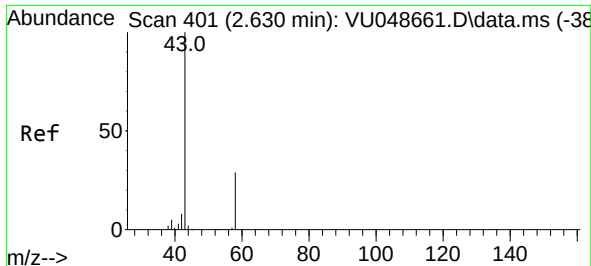
Tgt Ion:101 Resp: 120574
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.7 53.5
 151 76.9 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 47.356 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU048973.D
 Acq: 09 Jun 2022 11:07

Tgt Ion: 96 Resp: 107867
 Ion Ratio Lower Upper
 96 100
 61 168.9 120.6 224.0
 63 125.9 82.3 152.9





#13

Acetone

Concen: 122.421 ug/L

RT: 2.626 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

Instrument :

MSVOA_U

ClientSampleId :

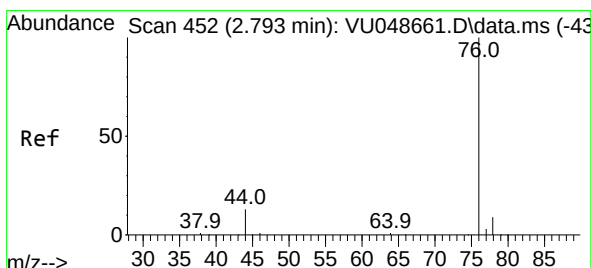
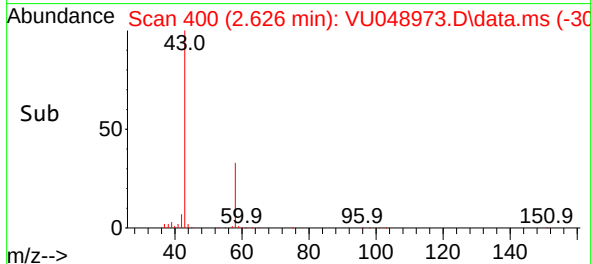
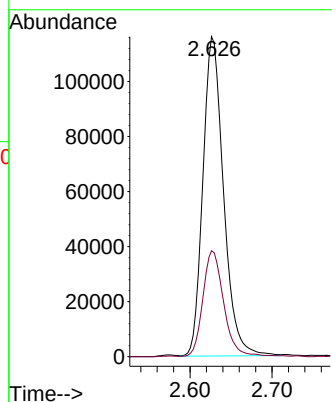
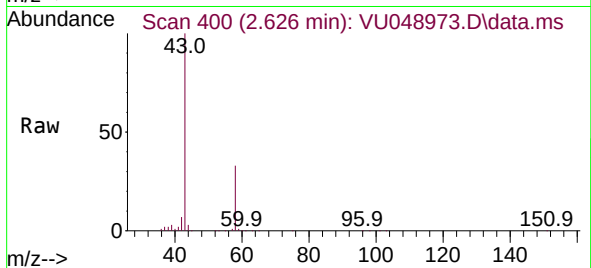
VSTD050142

Tgt Ion: 43 Resp: 202951

Ion Ratio Lower Upper

43 100

58 33.1 0.0 59.8



#14

Carbon disulfide

Concen: 44.985 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU048973.D

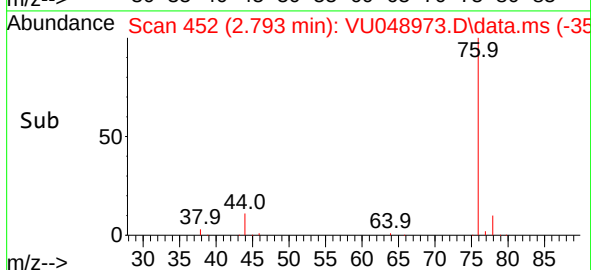
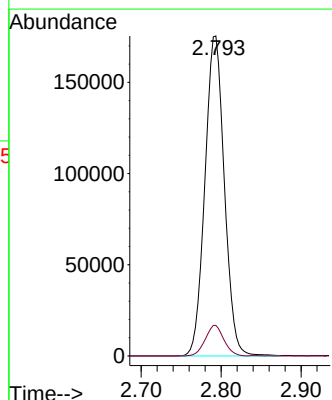
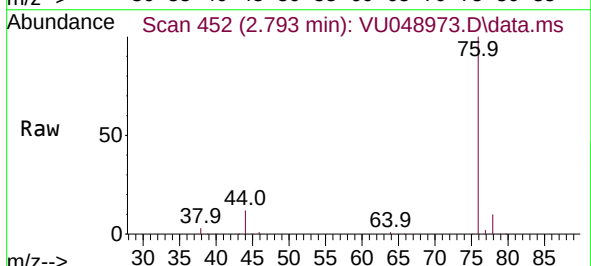
Acq: 09 Jun 2022 11:07

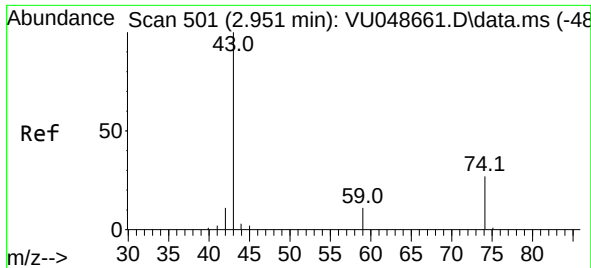
Tgt Ion: 76 Resp: 297354

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

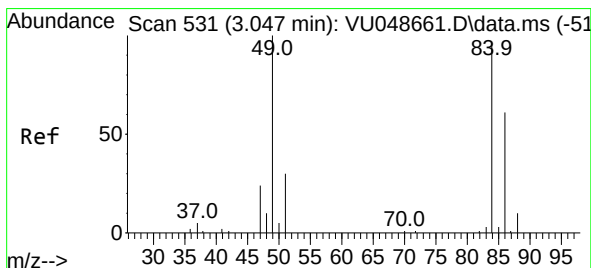
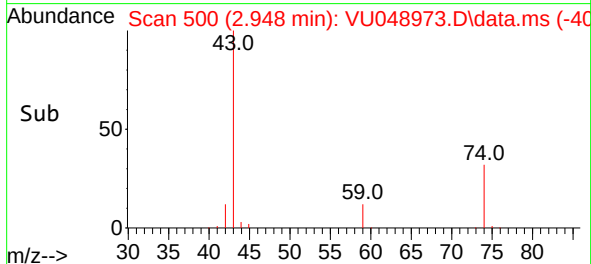
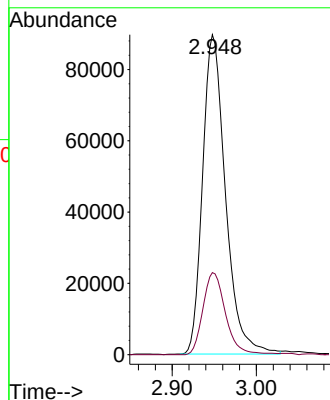
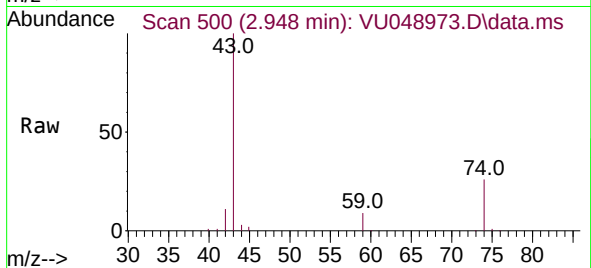




#15
Methyl Acetate
Concen: 59.910 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

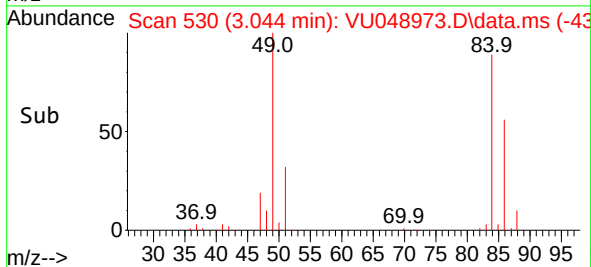
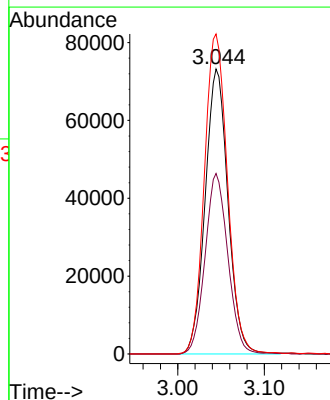
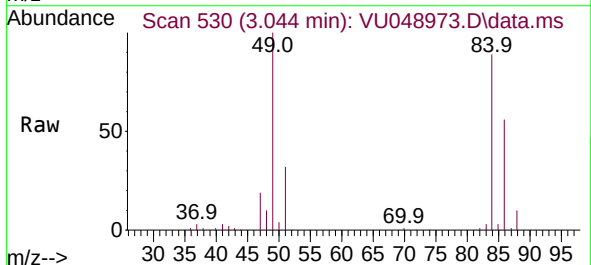
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

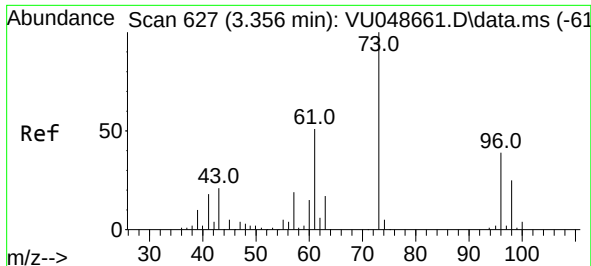
Tgt Ion: 43 Resp: 169508
Ion Ratio Lower Upper
43 100
74 25.2 21.7 32.5



#16
Methylene chloride
Concen: 50.642 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion: 84 Resp: 134291
Ion Ratio Lower Upper
84 100
86 63.3 43.5 80.9
49 112.3 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 47.781 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

Instrument :

MSVOA_U

ClientSampleId :

VSTD050142

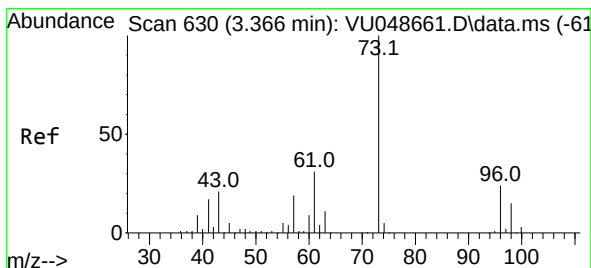
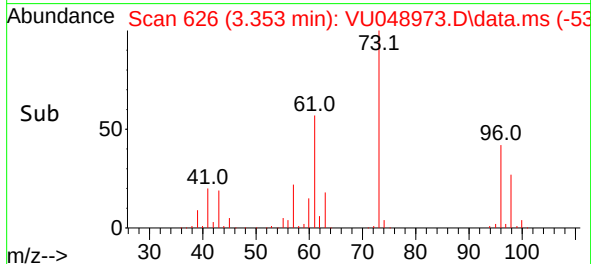
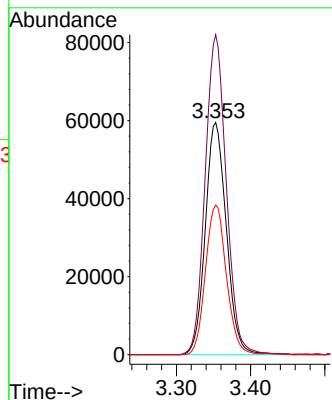
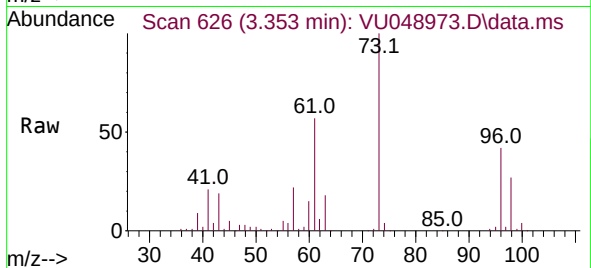
Tgt Ion: 96 Resp: 117385

Ion Ratio Lower Upper

96 100

61 137.8 94.2 175.0

98 64.4 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 50.237 ug/L

RT: 3.363 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

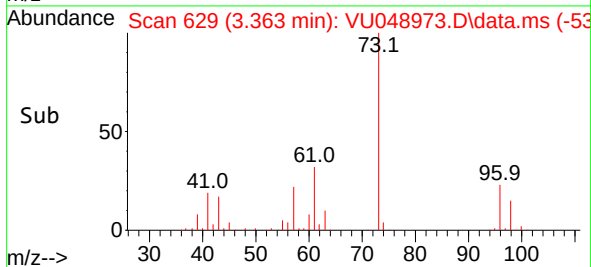
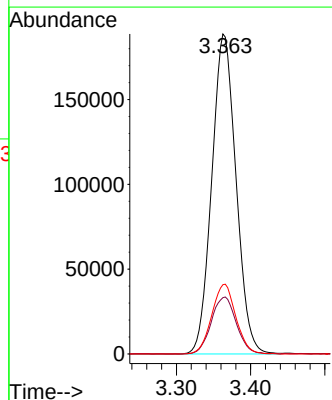
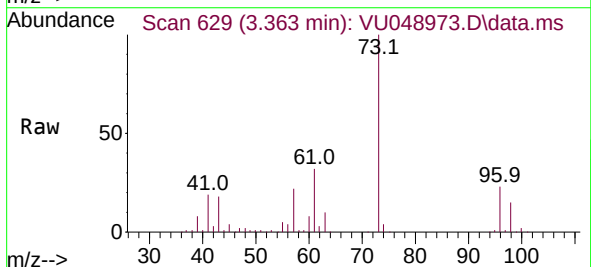
Tgt Ion: 73 Resp: 428197

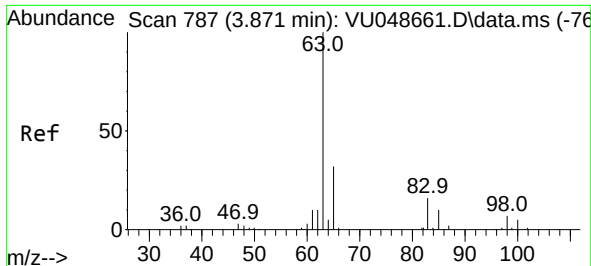
Ion Ratio Lower Upper

73 100

43 18.4 16.2 24.4

57 21.7 15.7 23.5

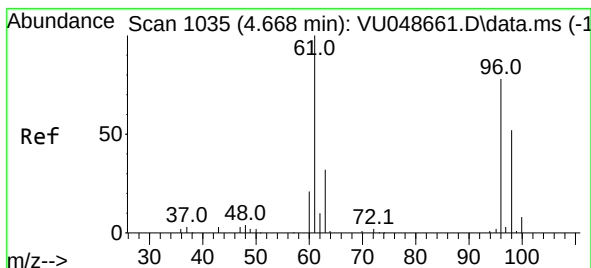
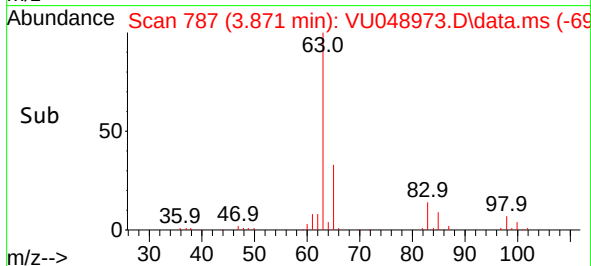
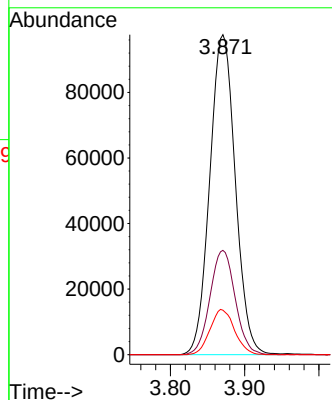
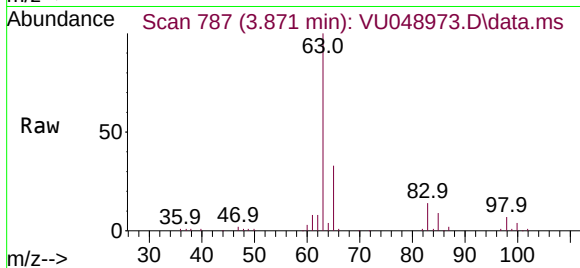




#19
1,1-Dichloroethane
Concen: 51.930 ug/L
RT: 3.871 min Scan# 787
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

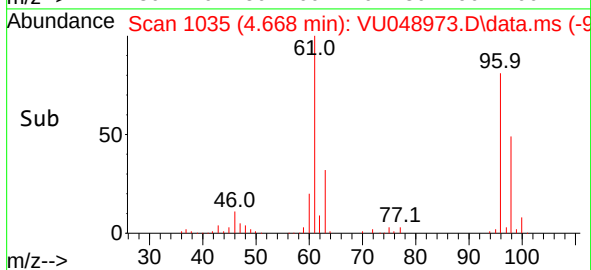
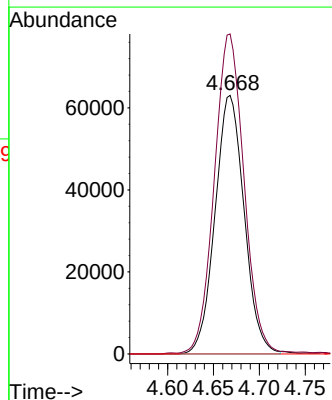
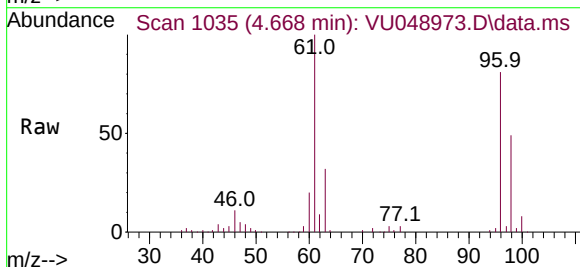
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

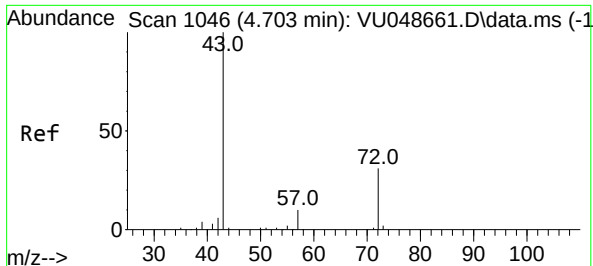
Tgt Ion: 63 Resp: 233569
Ion Ratio Lower Upper
63 100
65 32.6 21.8 40.6
83 13.9 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 50.213 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion: 96 Resp: 139118
Ion Ratio Lower Upper
96 100
61 123.8 88.3 164.1
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 126.014 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

Instrument :

MSVOA_U

ClientSampleId :

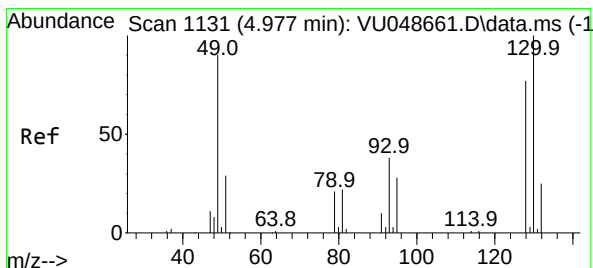
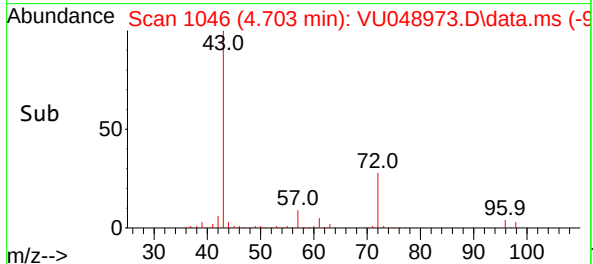
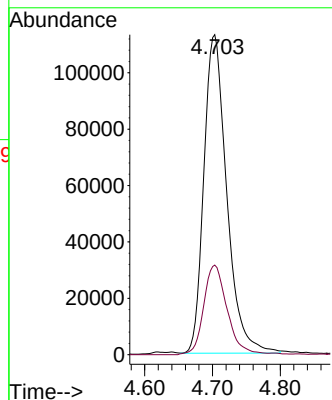
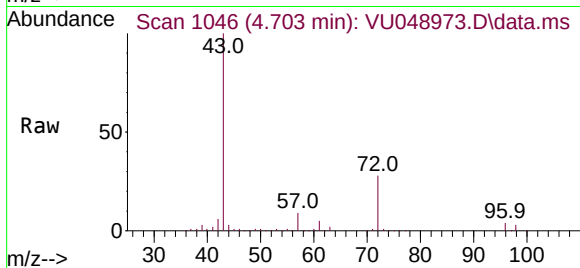
VSTD050142

Tgt Ion: 43 Resp: 265254

Ion Ratio Lower Upper

43 100

72 28.7 15.4 46.2



#23

Bromochloromethane

Concen: 45.922 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

Tgt Ion: 128 Resp: 70600

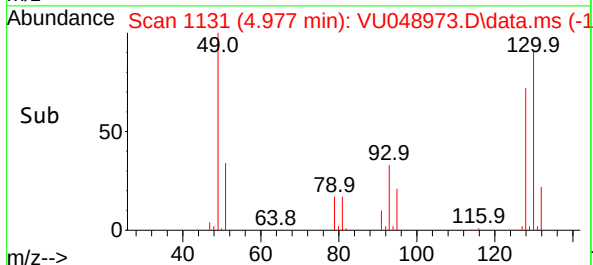
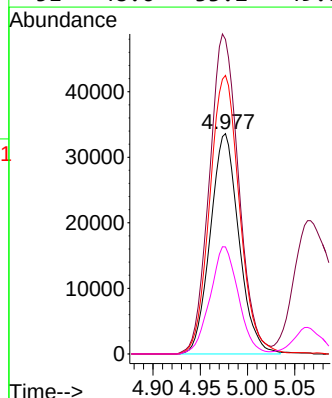
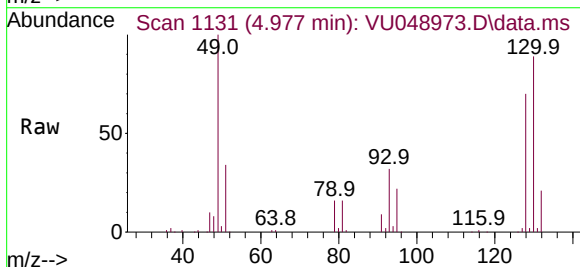
Ion Ratio Lower Upper

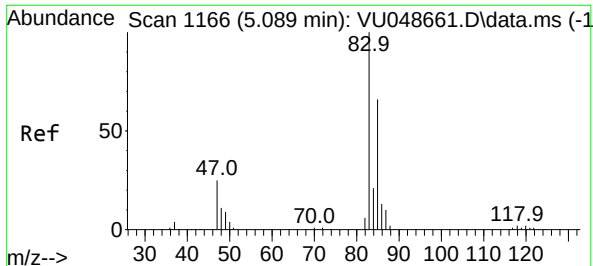
128 100

49 142.7 91.9 170.7

130 126.4 88.4 164.2

51 48.6 33.2 49.8





#25

Chloroform

Concen: 46.717 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

Instrument :

MSVOA_U

ClientSampleId :

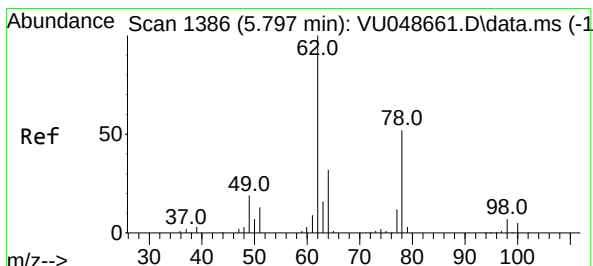
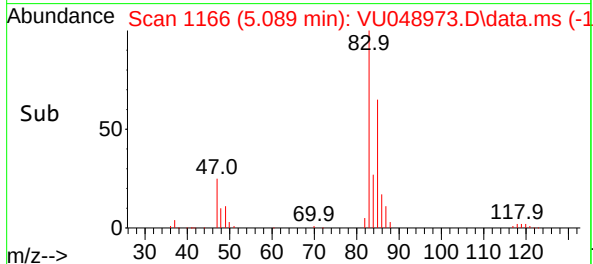
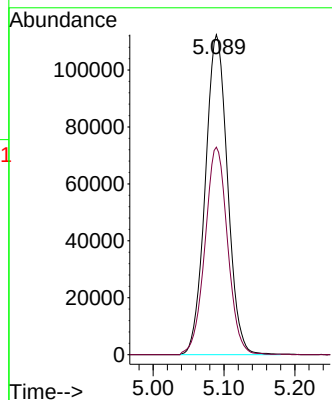
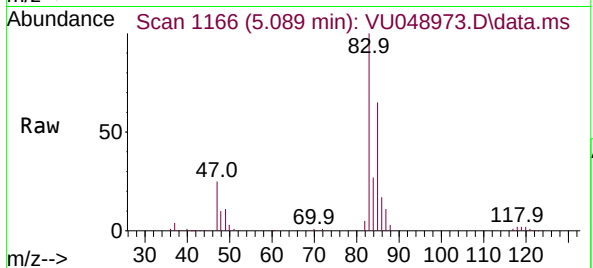
VSTD050142

Tgt Ion: 83 Resp: 245260

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 41.859 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU048973.D

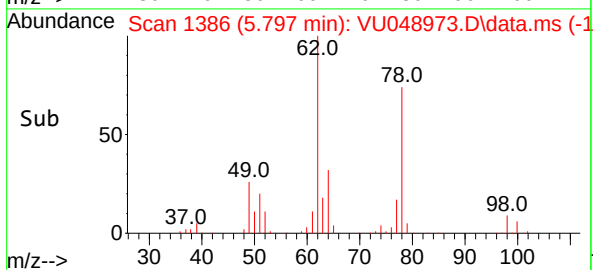
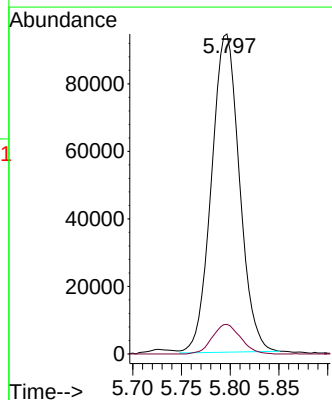
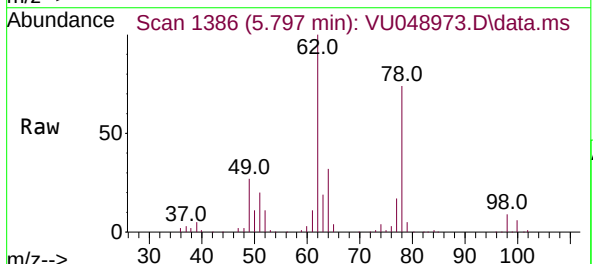
Acq: 09 Jun 2022 11:07

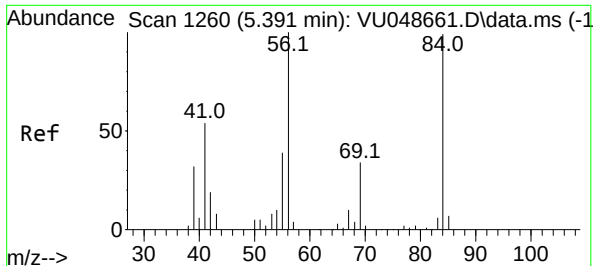
Tgt Ion: 62 Resp: 188516

Ion Ratio Lower Upper

62 100

98 9.3 6.0 9.0#





#29

Cyclohexane

Concen: 56.796 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

Instrument :

MSVOA_U

ClientSampleId :

VSTD050142

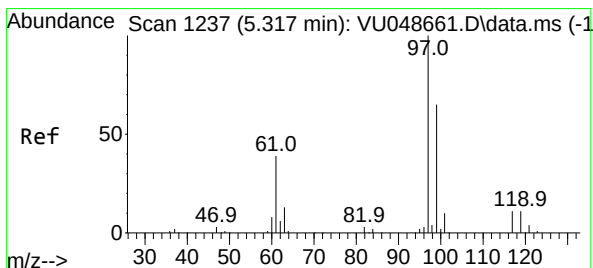
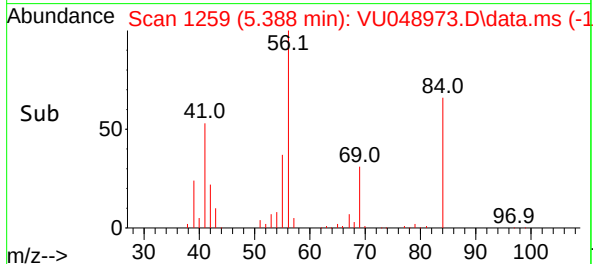
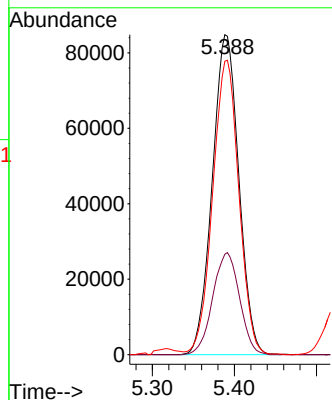
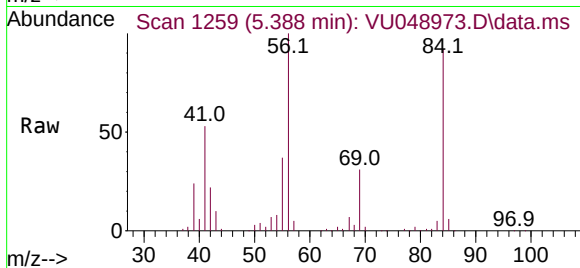
Tgt Ion: 56 Resp: 191020

Ion Ratio Lower Upper

56 100

69 32.1 26.5 39.7

84 90.4 78.0 117.0



#30

1,1,1-Trichloroethane

Concen: 44.017 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

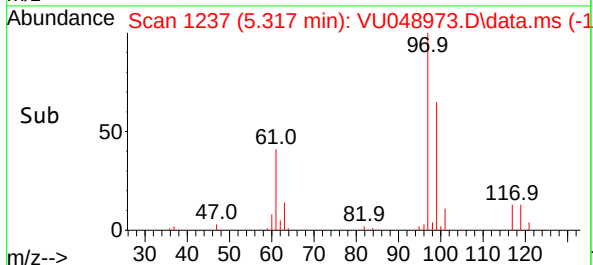
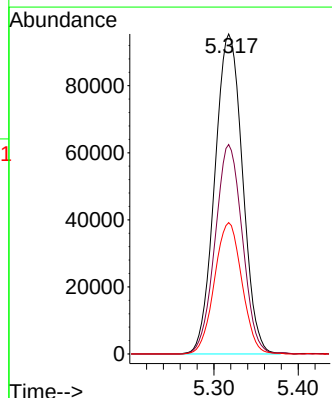
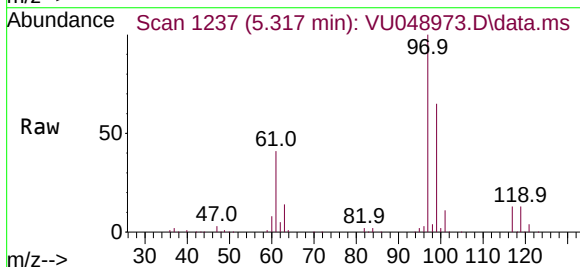
Tgt Ion: 97 Resp: 218237

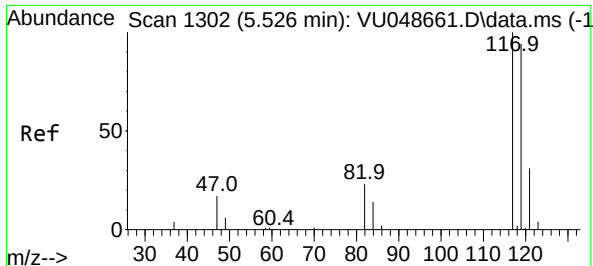
Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 40.6 32.6 48.8

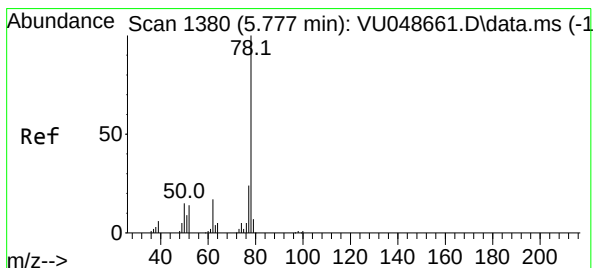
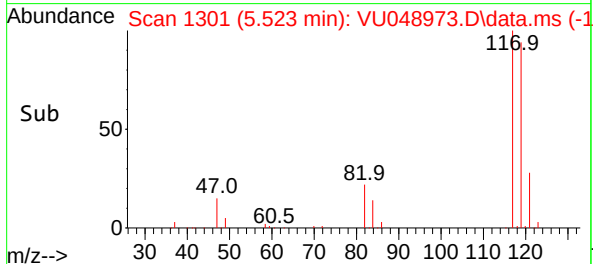
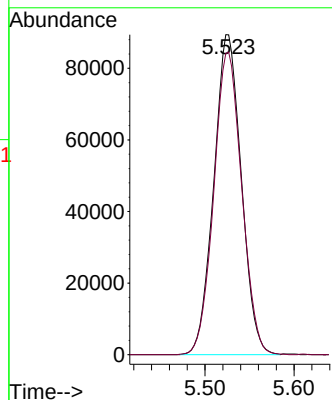
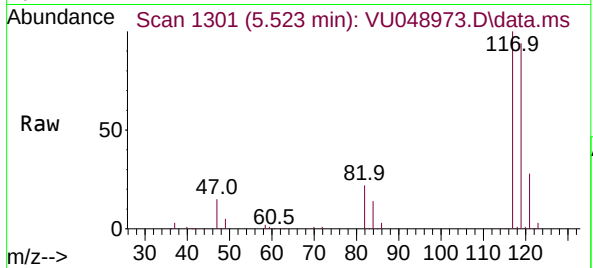




#31
Carbon tetrachloride
Concen: 42.392 ug/L
RT: 5.523 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

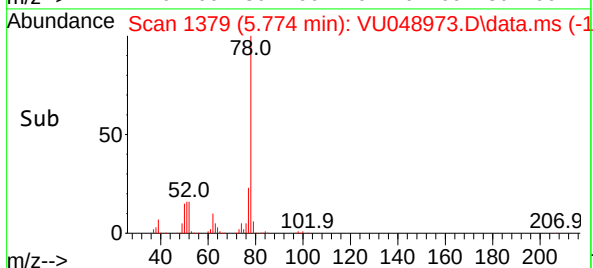
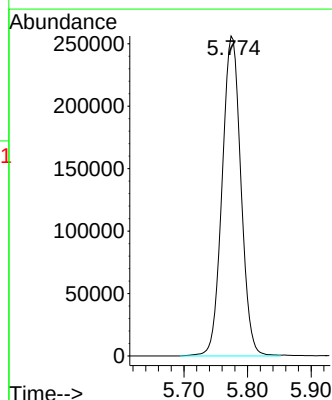
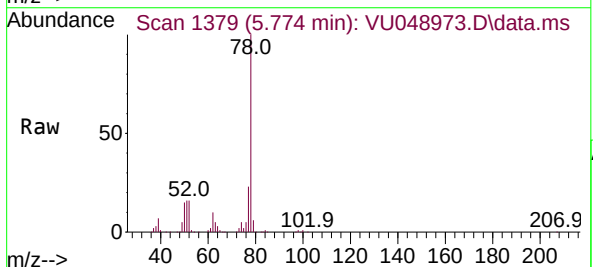
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

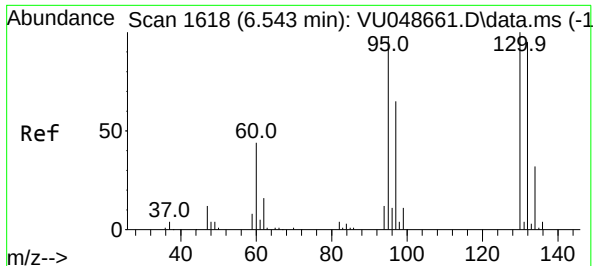
Tgt Ion:117 Resp: 191552
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0



#33
Benzene
Concen: 54.962 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion: 78 Resp: 525798

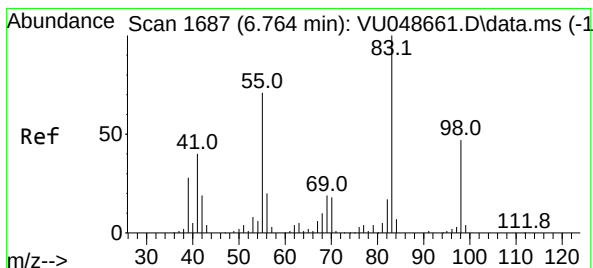
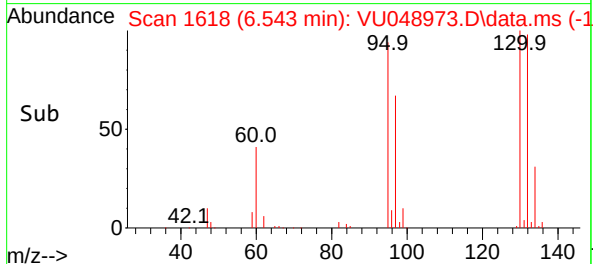
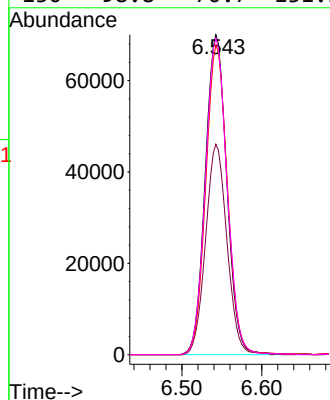
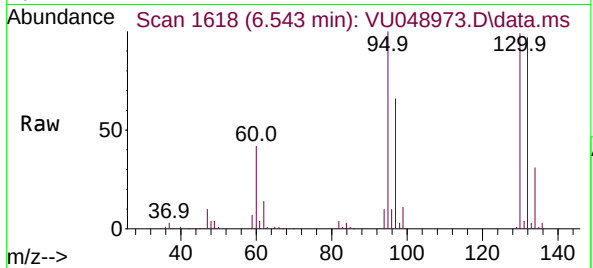




#34
Trichloroethene
Concen: 48.538 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

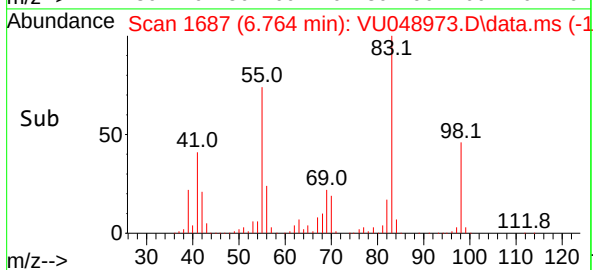
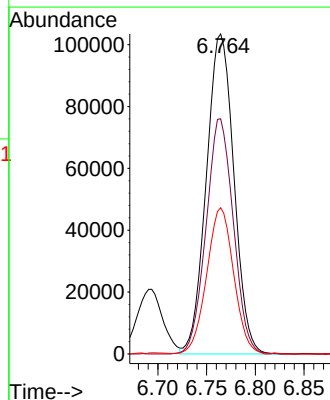
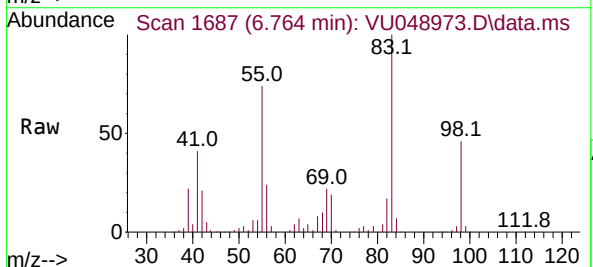
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

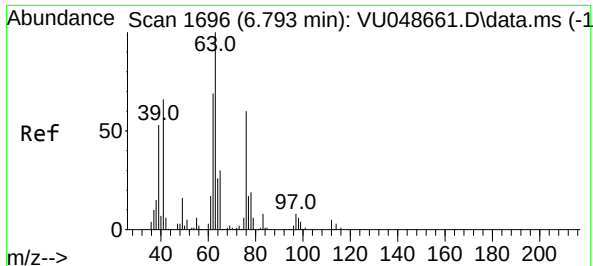
Tgt Ion: 95 Resp: 131373
Ion Ratio Lower Upper
95 100
97 65.8 45.2 84.0
132 96.7 67.3 124.9
130 98.8 70.7 131.3



#35
Methylcyclohexane
Concen: 52.468 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion: 83 Resp: 203786
Ion Ratio Lower Upper
83 100
55 72.8 56.2 84.4
98 44.7 38.2 57.2





#37

1,2-Dichloropropane

Concen: 60.037 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

Instrument :

MSVOA_U

ClientSampleId :

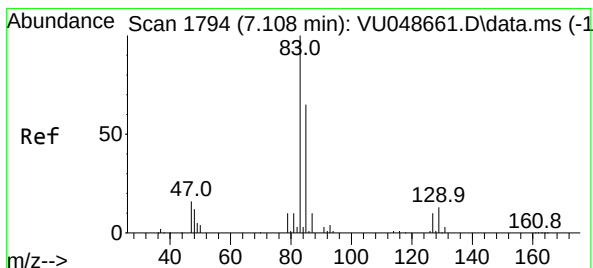
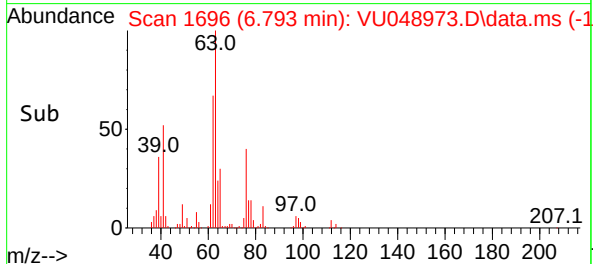
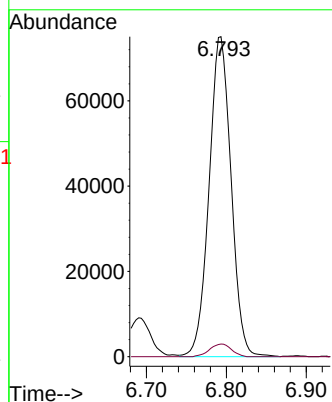
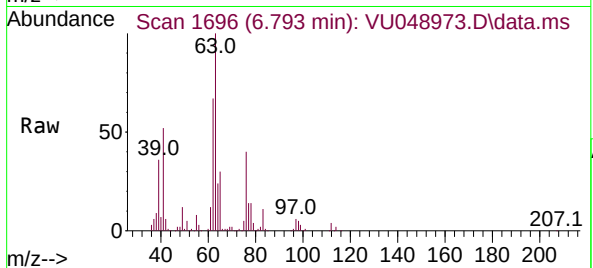
VSTD050142

Tgt Ion: 63 Resp: 143613

Ion Ratio Lower Upper

63 100

112 3.9 3.7 5.5



#38

Bromodichloromethane

Concen: 47.324 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

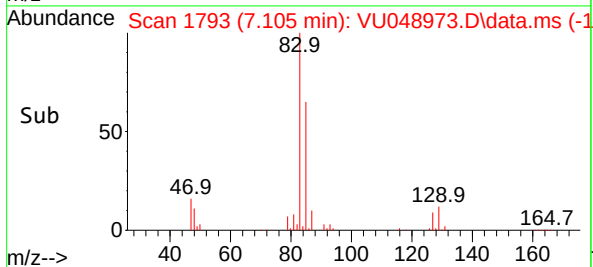
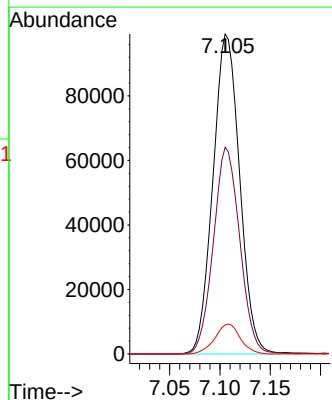
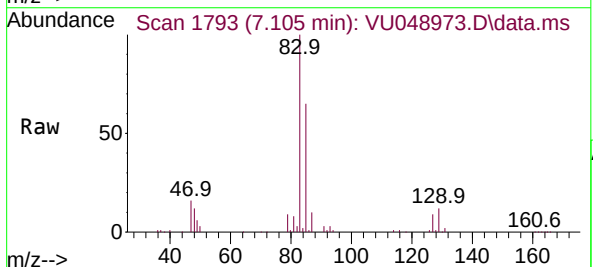
Tgt Ion: 83 Resp: 183157

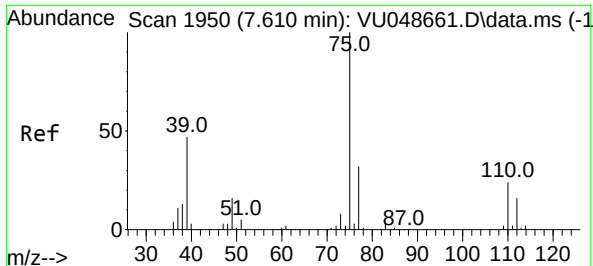
Ion Ratio Lower Upper

83 100

85 64.6 46.1 85.5

127 9.0 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 53.059 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

Instrument :

MSVOA_U

ClientSampleId :

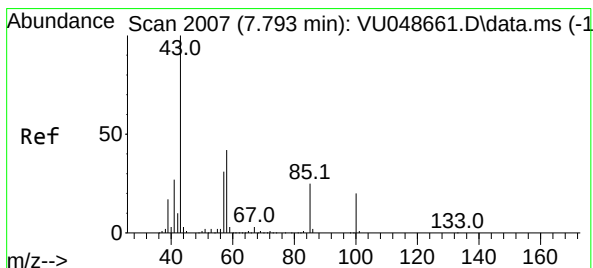
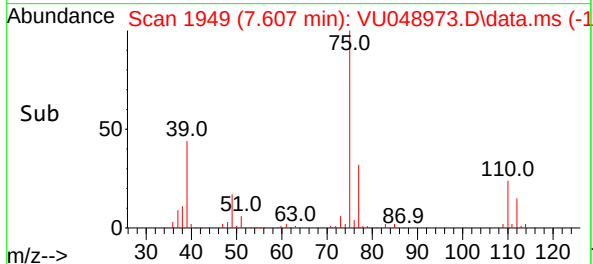
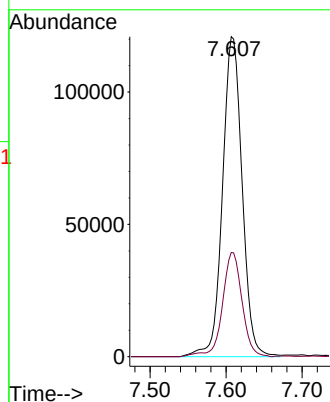
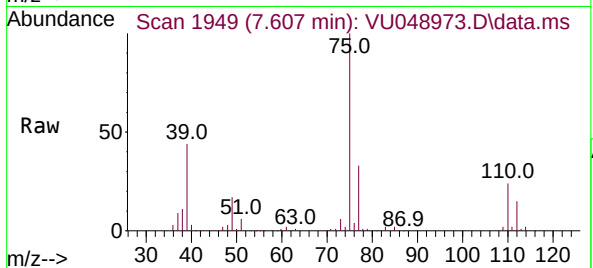
VSTD050142

Tgt Ion: 75 Resp: 216700

Ion Ratio Lower Upper

75 100

77 32.6 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 124.711 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

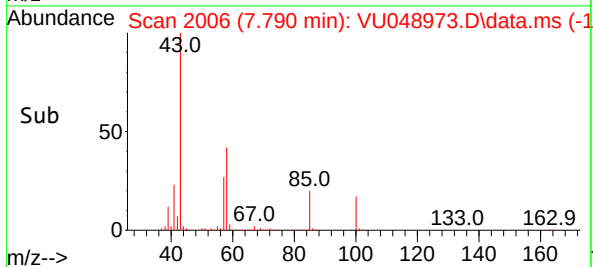
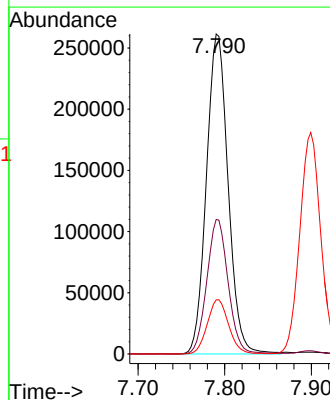
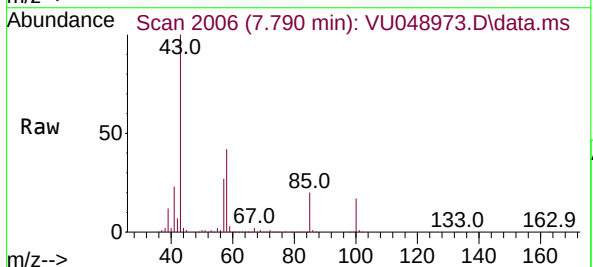
Tgt Ion: 43 Resp: 455251

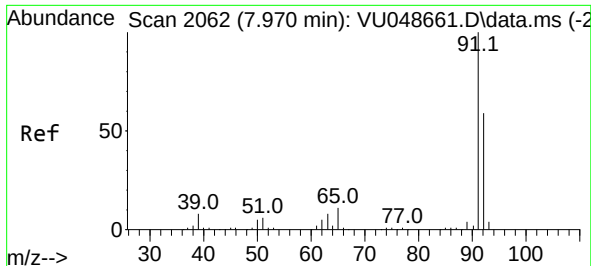
Ion Ratio Lower Upper

43 100

58 41.4 34.3 51.5

100 16.8 14.7 22.1





#42

Toluene

Concen: 52.100 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

Instrument :

MSVOA_U

ClientSampleId :

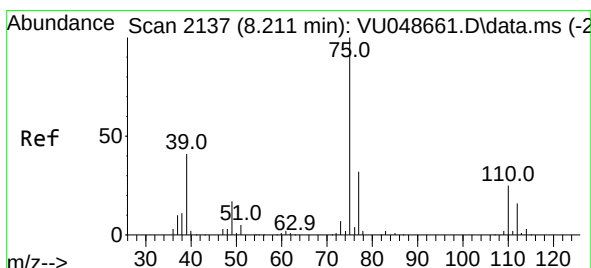
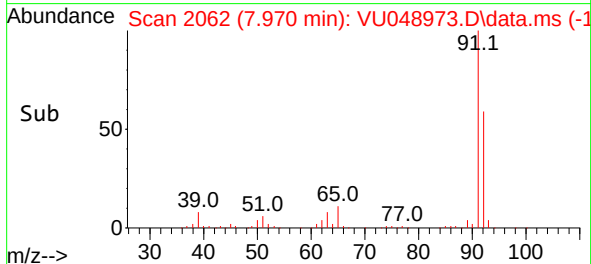
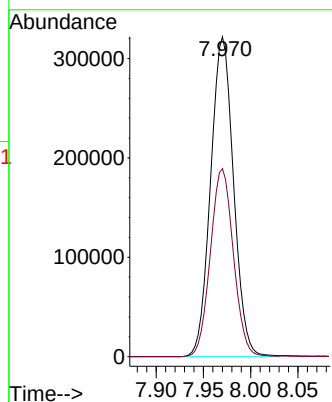
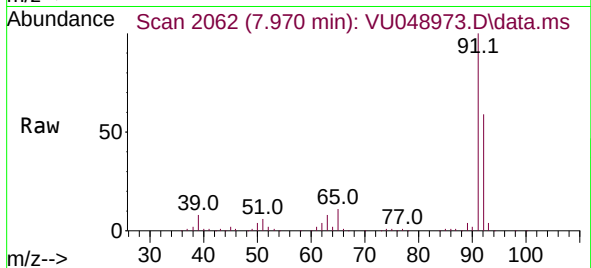
VSTD050142

Tgt Ion: 91 Resp: 543257

Ion Ratio Lower Upper

91 100

92 58.8 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 48.332 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048973.D

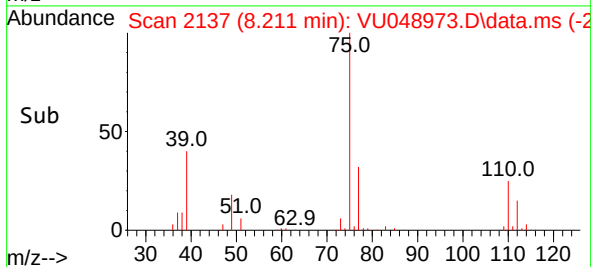
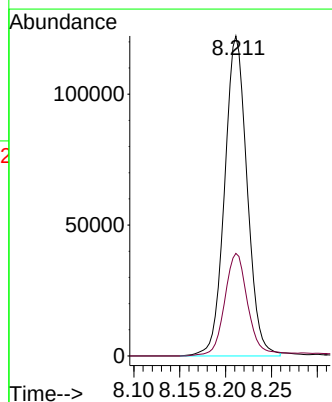
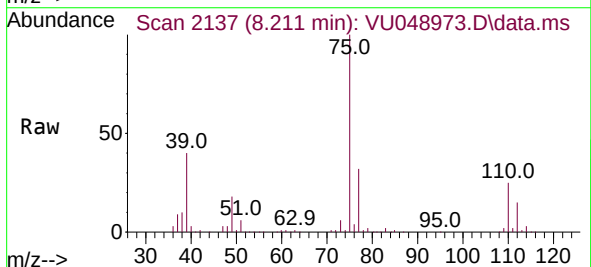
Acq: 09 Jun 2022 11:07

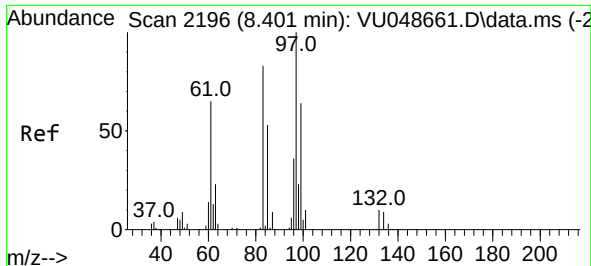
Tgt Ion: 75 Resp: 208168

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.1

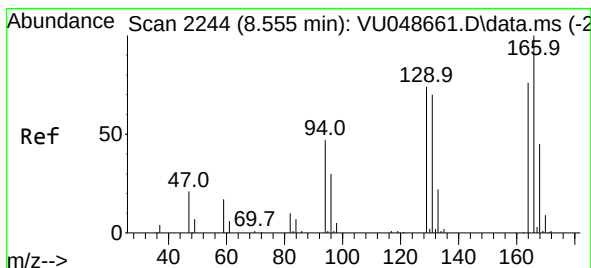
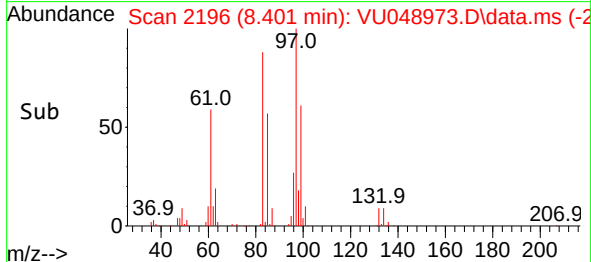
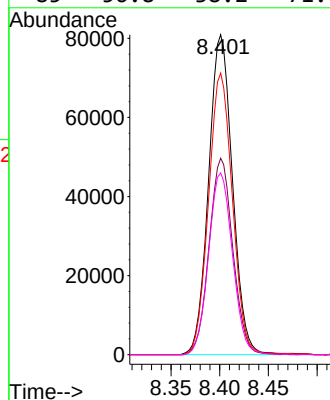
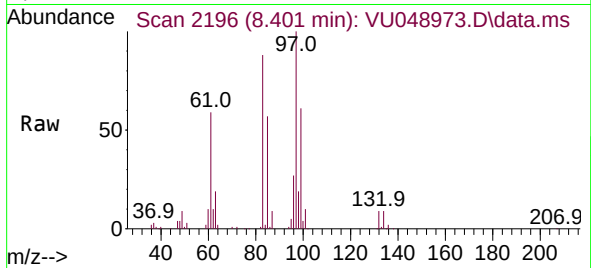




#45
1,1,2-Trichloroethane
Concen: 53.894 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

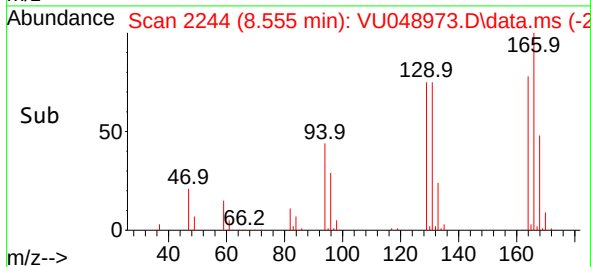
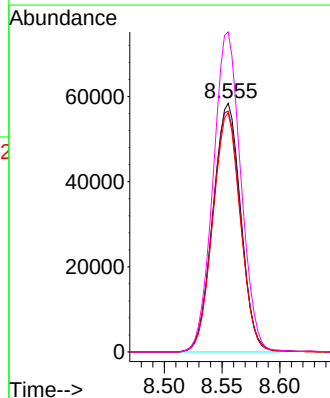
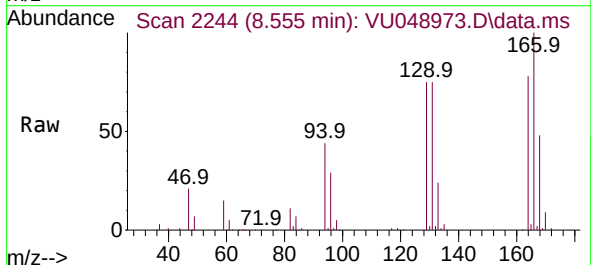
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

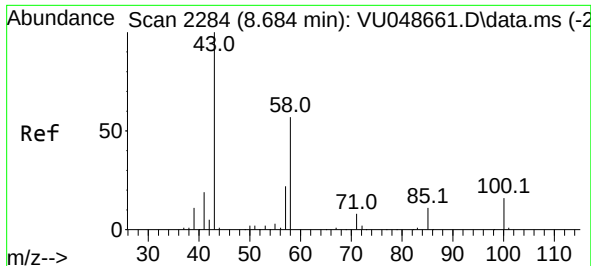
Tgt Ion:	97	Resp:	138058
Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.2	78.4
83	88.0	58.4	108.6
85	56.8	38.2	71.0



#46
Tetrachloroethene
Concen: 44.329 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion:	164	Resp:	97906
Ion	Ratio	Lower	Upper
164	100		
129	96.8	64.3	119.3
131	96.2	64.5	119.7
166	128.7	87.5	162.5

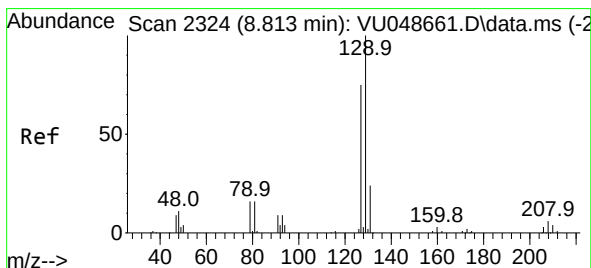
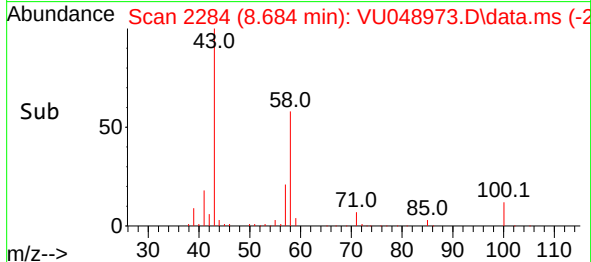
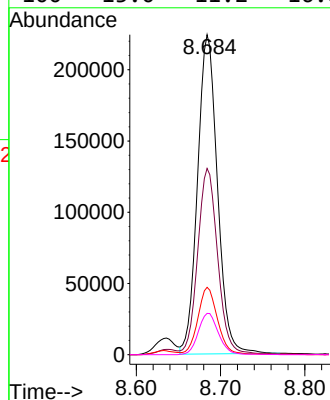
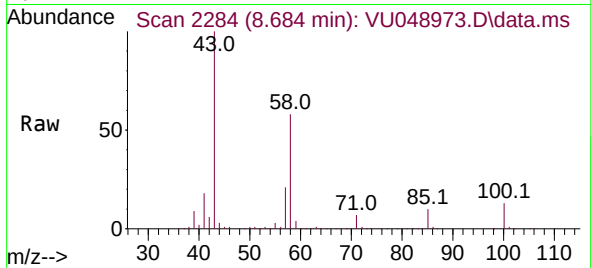




#48
2-Hexanone
Concen: 117.999 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

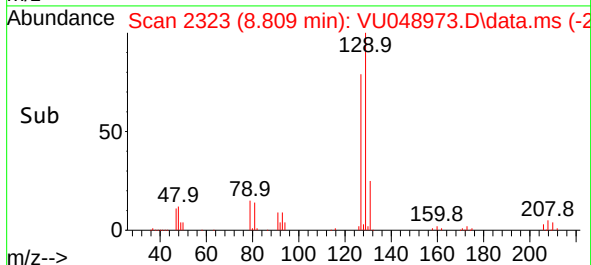
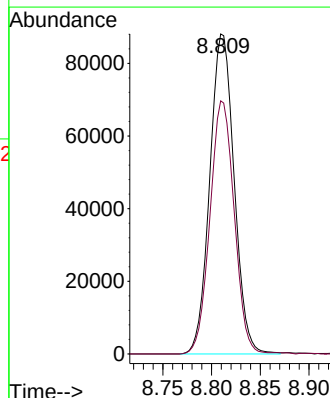
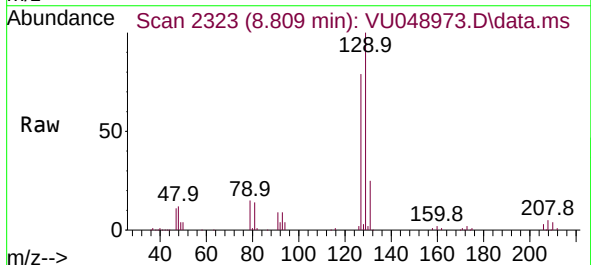
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

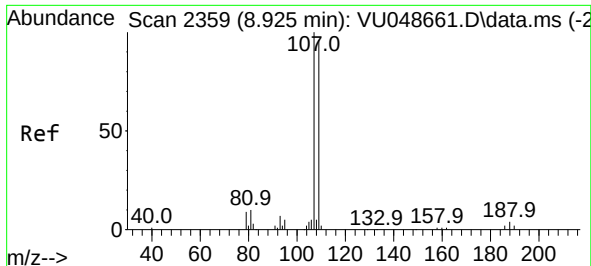
Tgt Ion:	43	Resp:	369067
Ion	Ratio	Lower	Upper
43	100		
58	57.6	45.8	68.6
57	20.4	16.8	25.2
100	13.0	11.2	16.8



#49
Dibromochloromethane
Concen: 46.533 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion:	129	Resp:	153253
Ion	Ratio	Lower	Upper
129	100		
127	79.1	53.1	98.5

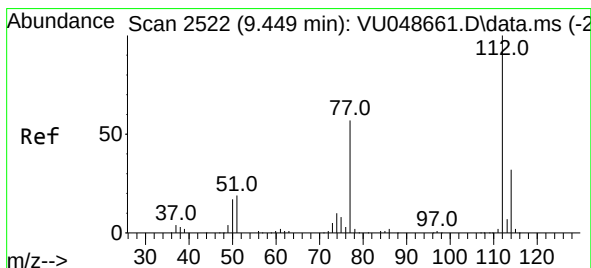
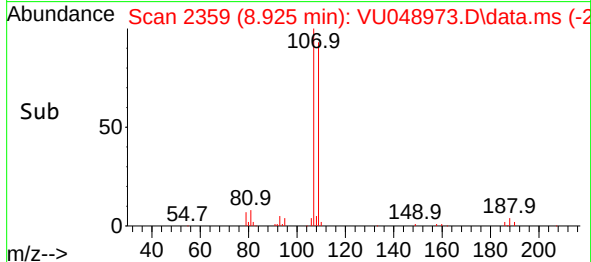
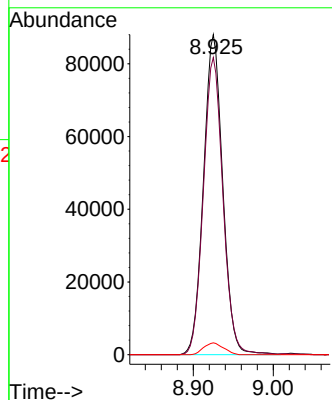
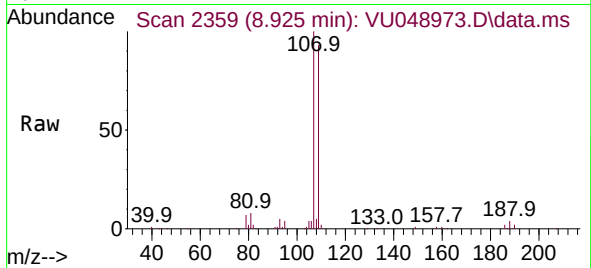




#50
1,2-Dibromoethane
Concen: 49.934 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

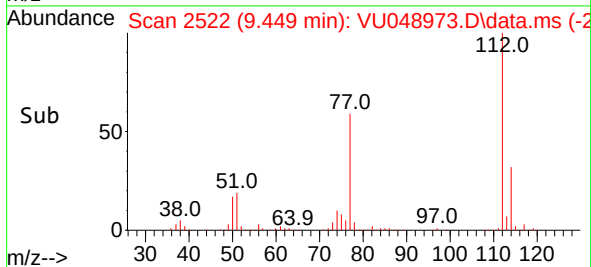
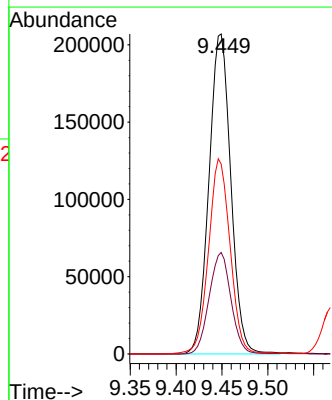
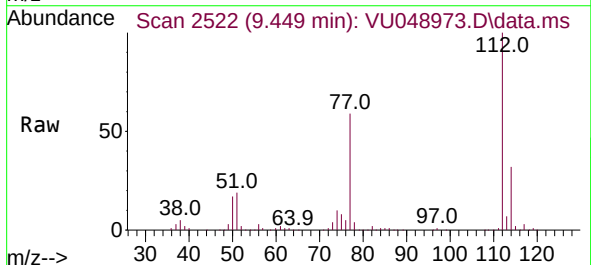
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

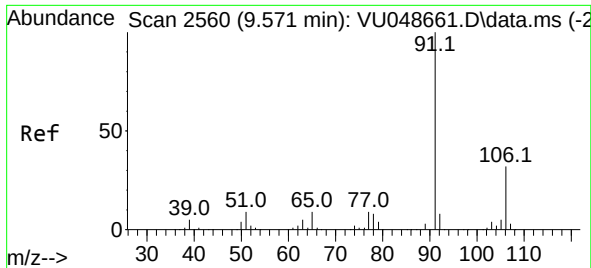
Tgt Ion:107 Resp: 147624
Ion Ratio Lower Upper
107 100
109 92.8 67.5 125.3
188 3.7 3.4 5.2



#51
Chlorobenzene
Concen: 47.146 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion:112 Resp: 342869
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.5
77 59.4 46.5 69.7

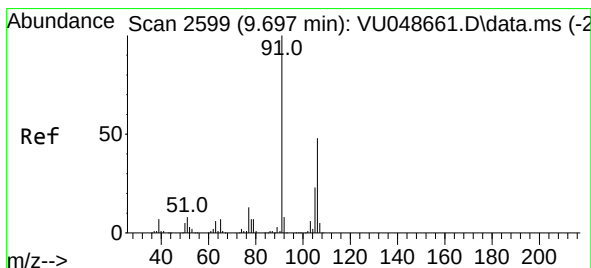
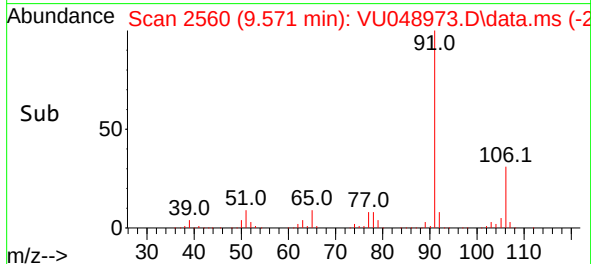
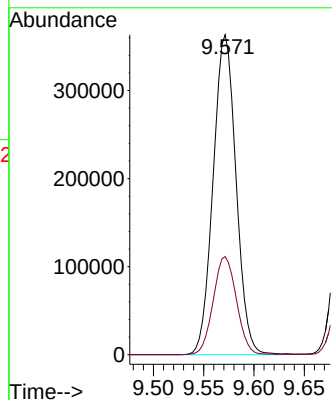
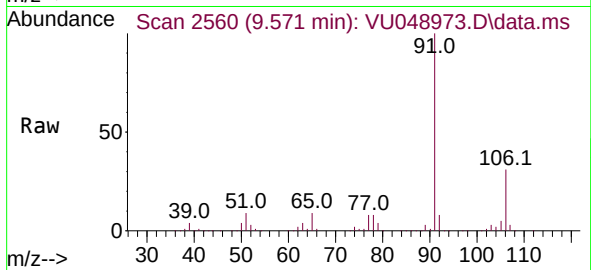




#52
Ethylbenzene
Concen: 48.358 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

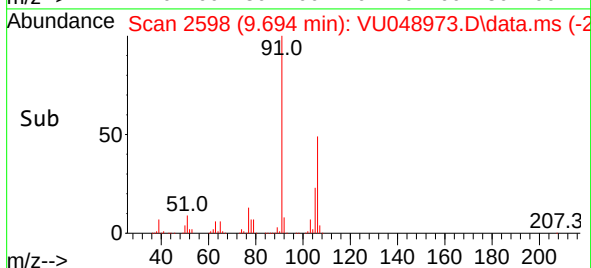
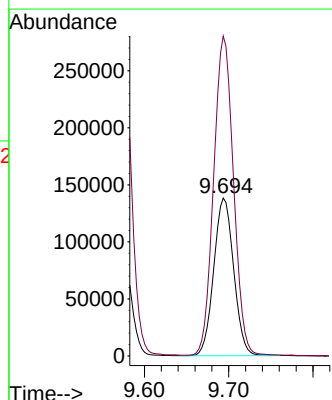
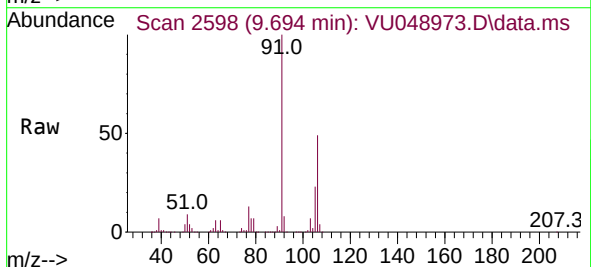
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

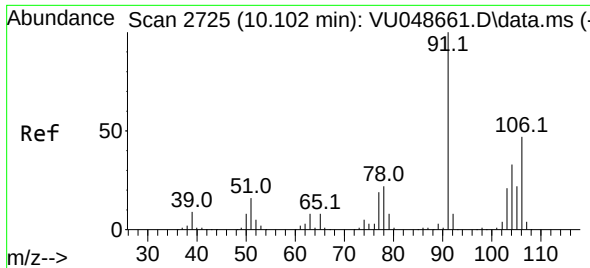
Tgt Ion: 91 Resp: 576240
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.6



#53
m,p-Xylene
Concen: 47.400 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion: 106 Resp: 226986
Ion Ratio Lower Upper
106 100
91 202.7 141.8 263.4

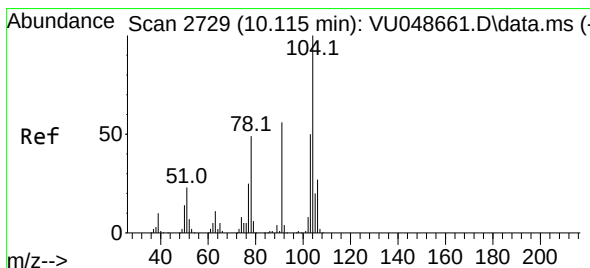
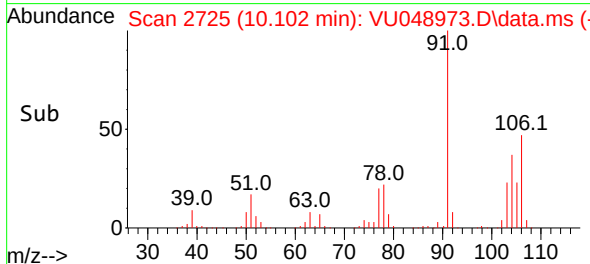
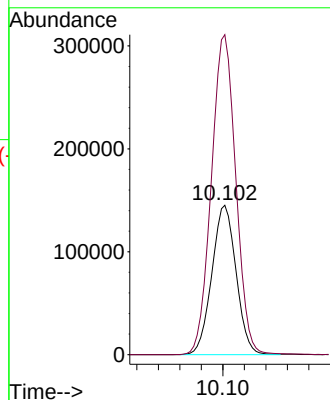
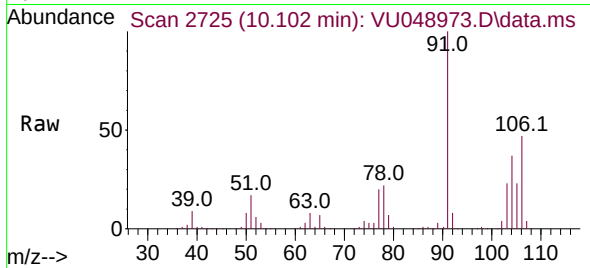




#54
o-Xylene
Concen: 49.561 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

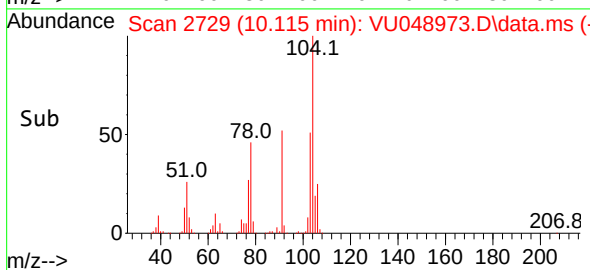
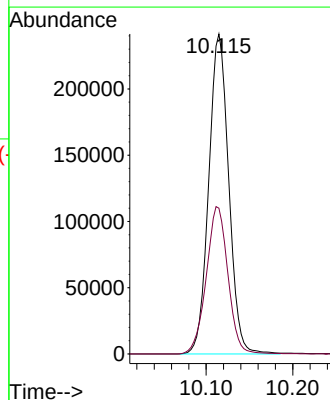
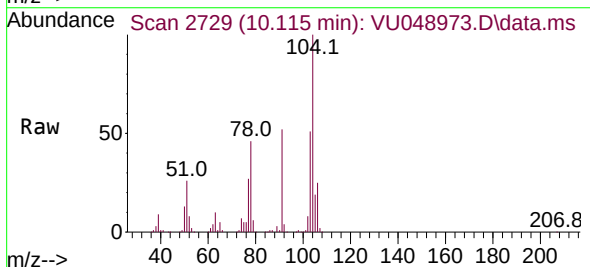
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

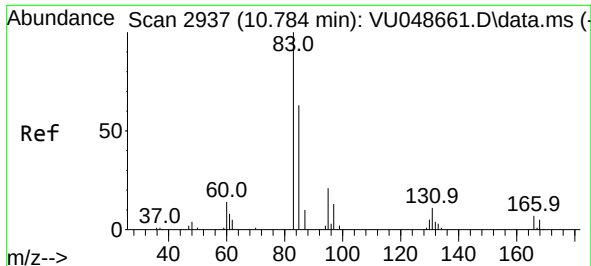
Tgt Ion:106 Resp: 227368
Ion Ratio Lower Upper
106 100
91 214.0 150.1 278.9



#55
Styrene
Concen: 48.521 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion:104 Resp: 387024
Ion Ratio Lower Upper
104 100
78 45.6 32.7 60.7

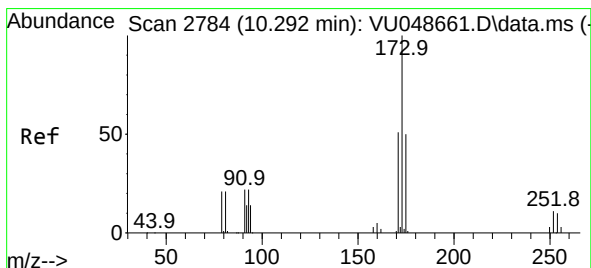
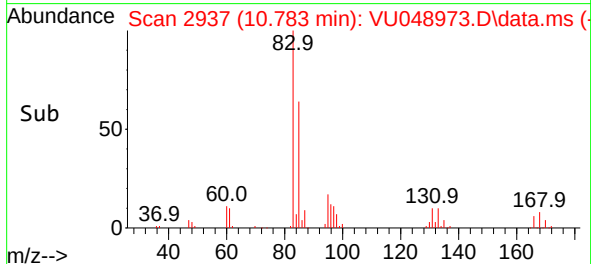
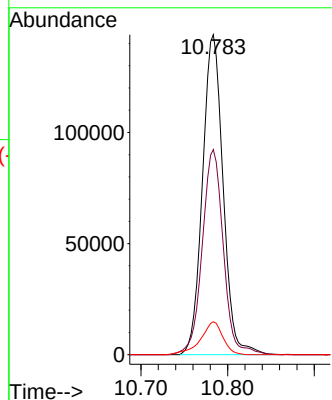
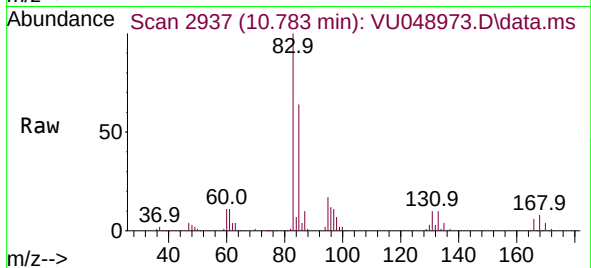




#57
1,1,2,2-Tetrachloroethane
Concen: 53.730 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

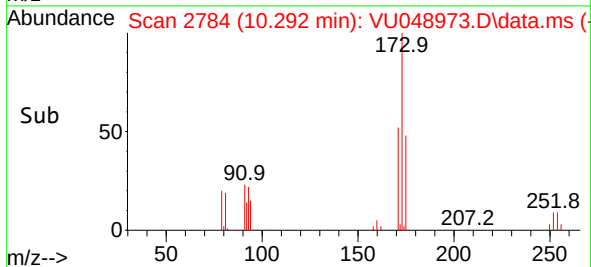
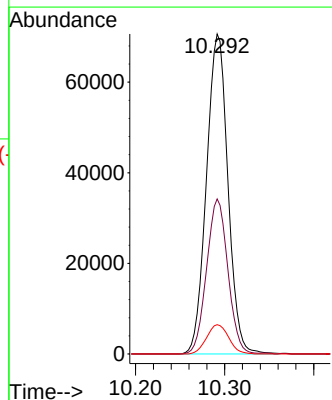
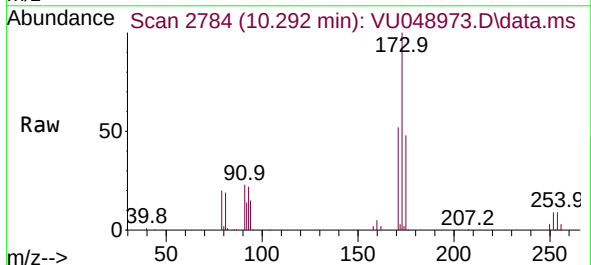
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

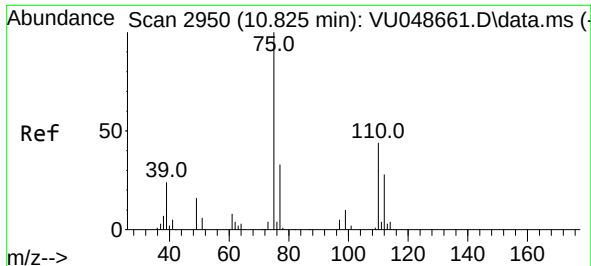
Tgt Ion: 83 Resp: 237879
Ion Ratio Lower Upper
83 100
85 64.1 44.1 81.9
131 10.3 8.9 13.3



#59
Bromoform
Concen: 50.551 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion:173 Resp: 118093
Ion Ratio Lower Upper
173 100
175 47.9 38.2 57.4
254 9.4 7.7 11.5

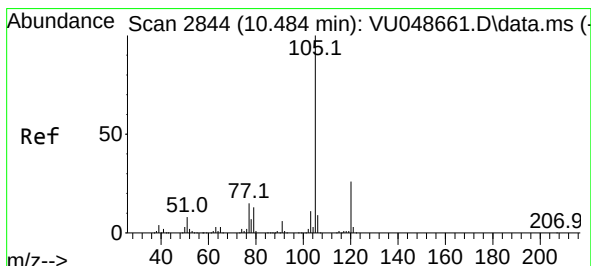
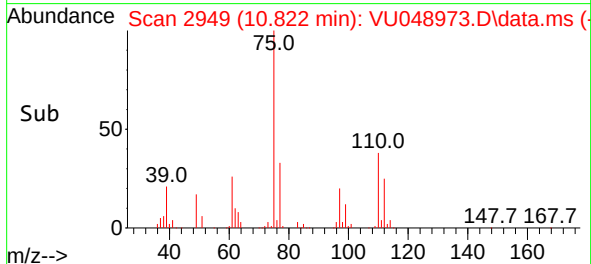
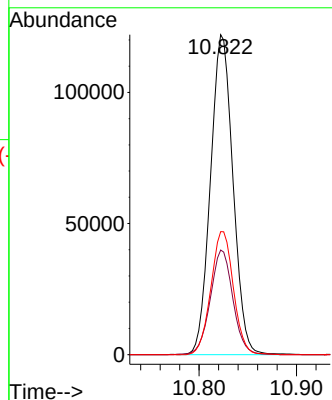
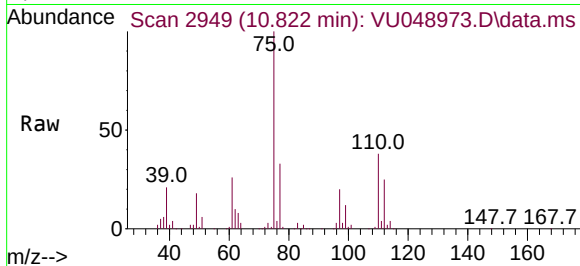




#60
1,2,3-Trichloropropane
Concen: 58.042 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

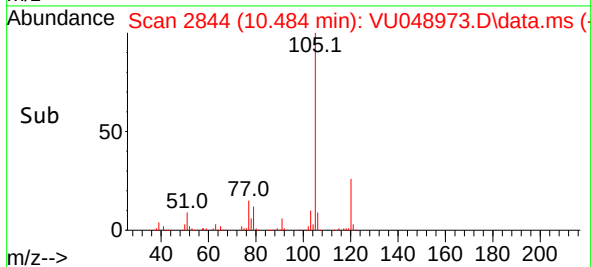
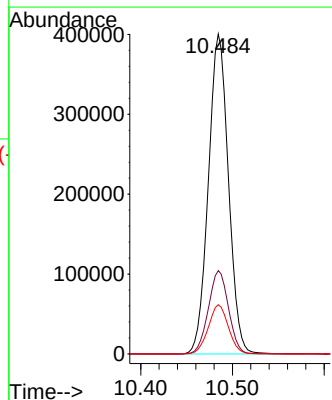
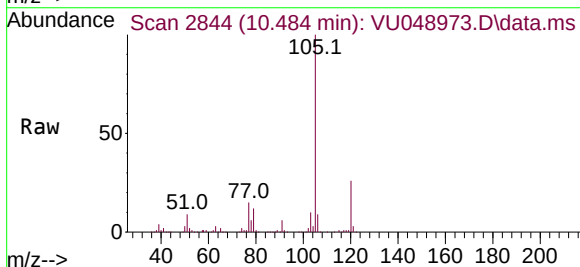
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

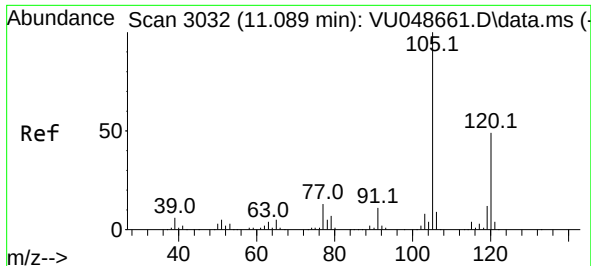
Tgt Ion: 75 Resp: 195630
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
110 38.5 32.1 48.1



#61
Isopropylbenzene
Concen: 58.191 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion: 105 Resp: 609048
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.5 12.5 18.7





#62

1,3,5-Trimethylbenzene

Concen: 56.610 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048973.D

Acq: 09 Jun 2022 11:07

Instrument :

MSVOA_U

ClientSampleId :

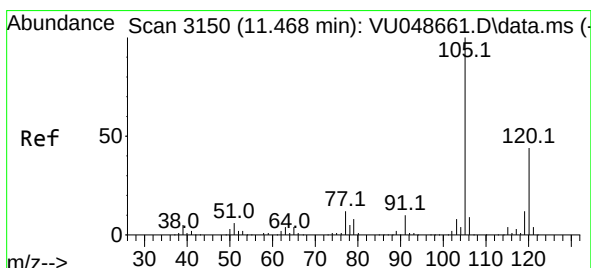
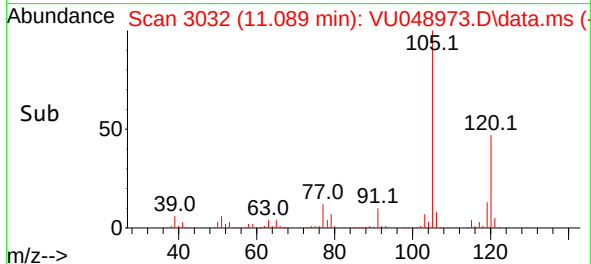
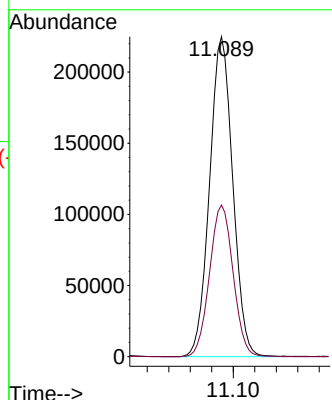
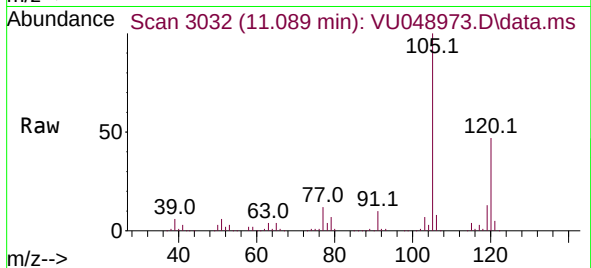
VSTD050142

Tgt Ion:105 Resp: 336844

Ion Ratio Lower Upper

105 100

120 48.2 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 54.586 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU048973.D

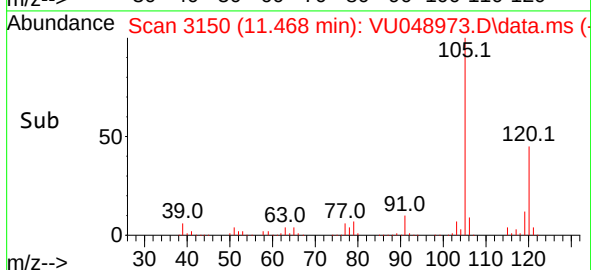
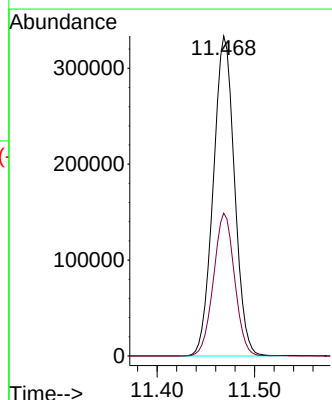
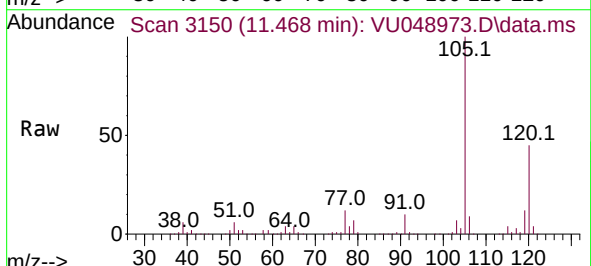
Acq: 09 Jun 2022 11:07

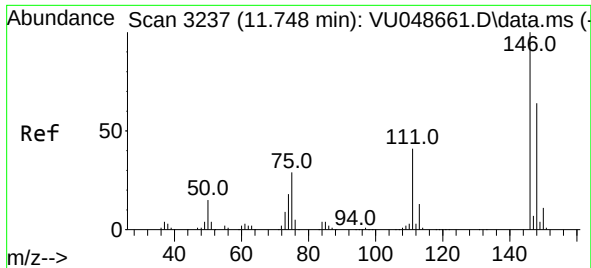
Tgt Ion:105 Resp: 505068

Ion Ratio Lower Upper

105 100

120 44.3 35.4 53.2

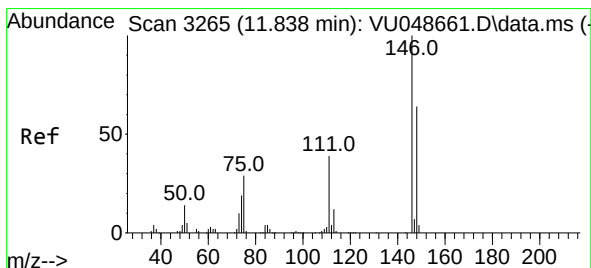
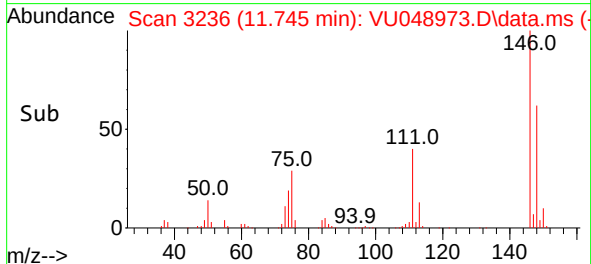
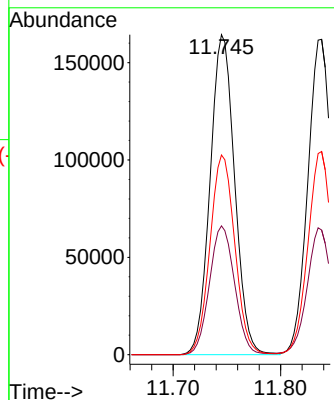
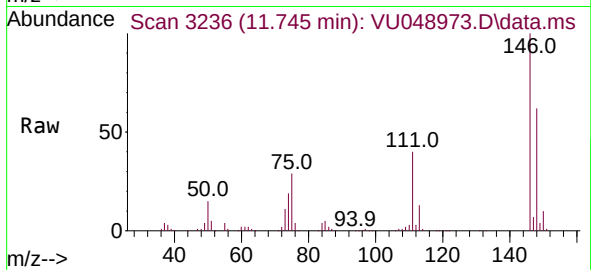




#64
1,3-Dichlorobenzene
Concen: 48.258 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

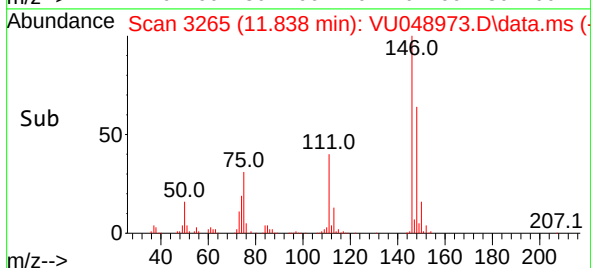
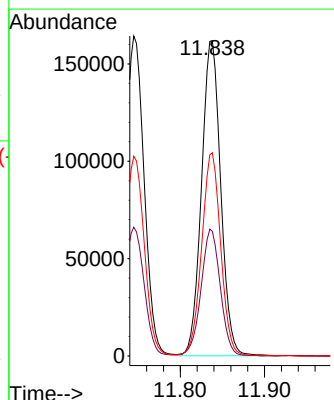
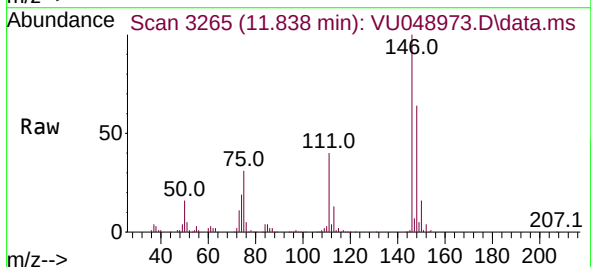
Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

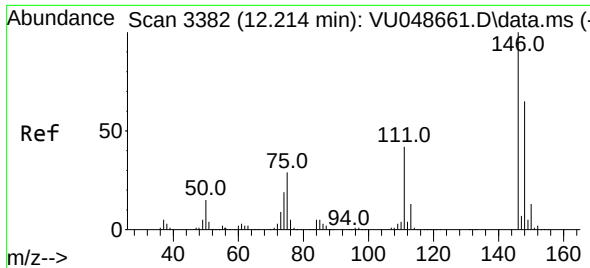
Tgt Ion:146 Resp: 260470
Ion Ratio Lower Upper
146 100
111 40.3 28.7 53.3
148 62.4 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 45.940 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion:146 Resp: 257307
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.2
148 64.4 44.2 82.2

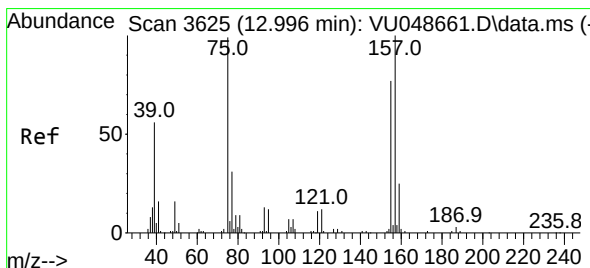
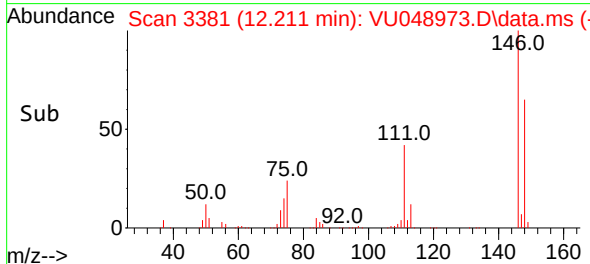
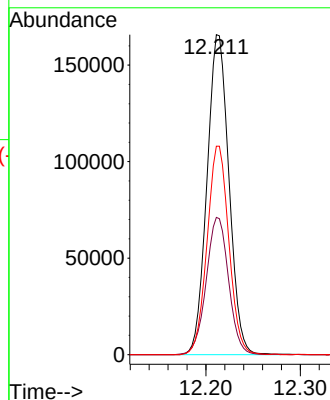
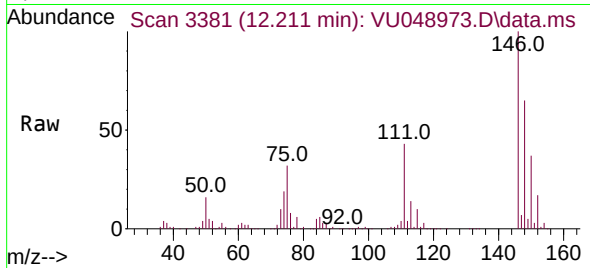




#67
 1,2-Dichlorobenzene
 Concen: 48.705 ug/L
 RT: 12.211 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VU048973.D
 Acq: 09 Jun 2022 11:07

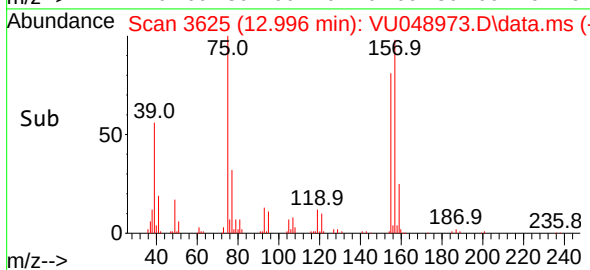
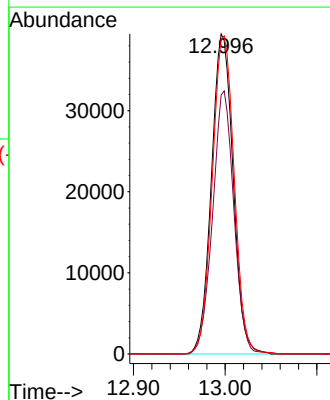
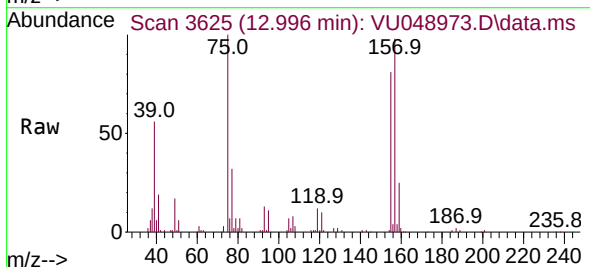
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050142

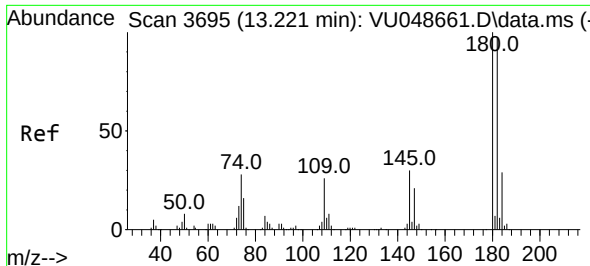
Tgt Ion:146 Resp: 267384
 Ion Ratio Lower Upper
 146 100
 111 42.9 34.1 51.1
 148 65.2 50.9 76.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 49.736 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. -0.000 min
 Lab File: VU048973.D
 Acq: 09 Jun 2022 11:07

Tgt Ion: 75 Resp: 64814
 Ion Ratio Lower Upper
 75 100
 155 80.9 63.5 95.3
 157 98.4 83.5 125.3

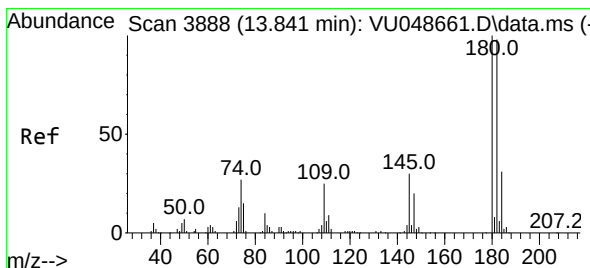
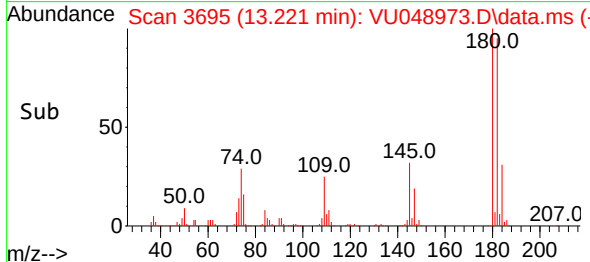
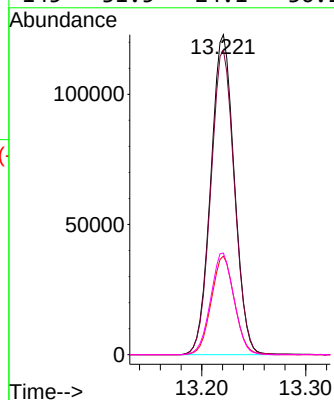
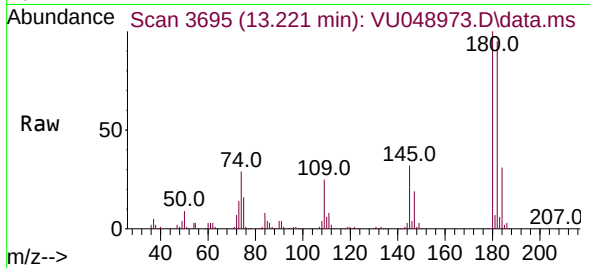




#69
 1,3,5-Trichlorobenzene
 Concen: 44.886 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU048973.D
 Acq: 09 Jun 2022 11:07

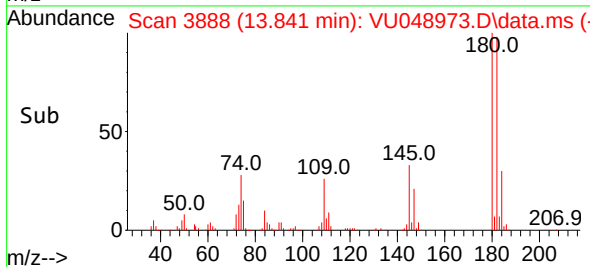
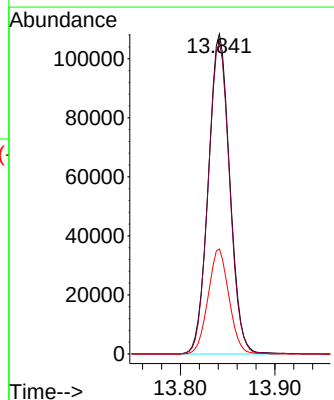
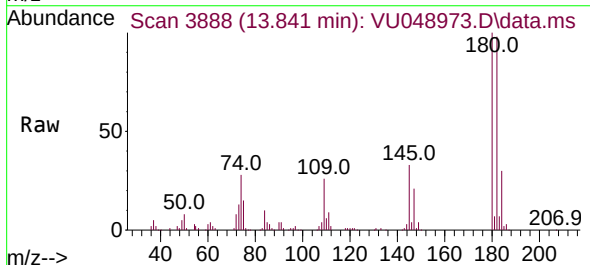
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050142

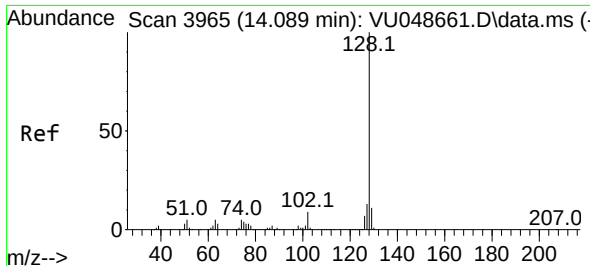
Tgt Ion:180	Resp:	193101
Ion	Ratio	Lower Upper
180	100	
182	95.8	75.8 113.6
184	30.3	23.4 35.2
145	31.5	24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 43.880 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048973.D
 Acq: 09 Jun 2022 11:07

Tgt Ion:180	Resp:	170737
Ion	Ratio	Lower Upper
180	100	
182	97.5	75.8 113.8
145	32.0	24.9 37.3

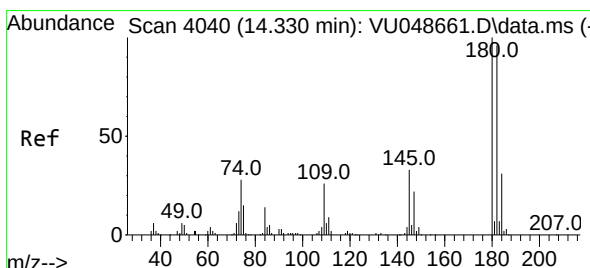
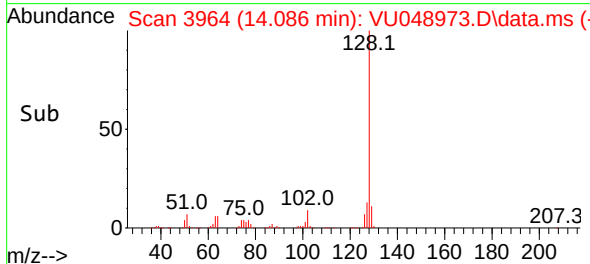
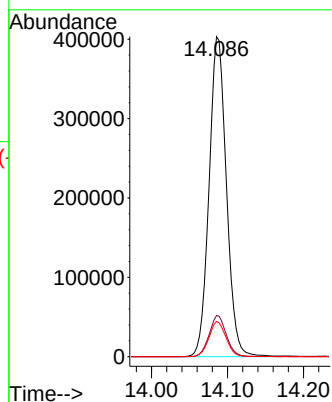
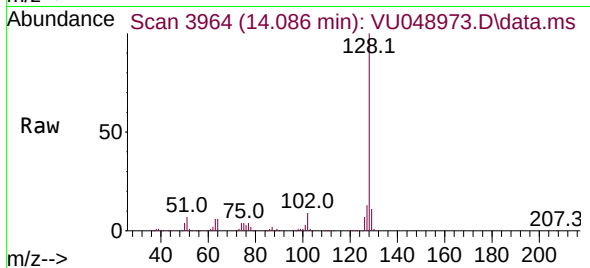




#71
Naphthalene
Concen: 49.790 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD050142

Tgt Ion:128 Resp: 638803
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 48.018 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048973.D
Acq: 09 Jun 2022 11:07

Tgt Ion:180 Resp: 187587
Ion Ratio Lower Upper
180 100
182 95.4 75.6 113.4
145 34.0 27.1 40.7

