

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047697.D
 Acq On : 26 Mar 2022 10:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050179

Quant Time: Mar 28 05:03:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	345317	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	355081	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	216560	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	125267	50.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.040%	
7) Chloroethane-d5	1.919	69	111796	56.620	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 113.240%	
11) 1,1-Dichloroethene-d2	2.575	63	234791	51.248	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.500%	
21) 2-Butanone-d5	4.636	46	271619	126.373	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 126.370%	
24) Chloroform-d	5.067	84	265706	57.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.980%	
26) 1,2-Dichloroethane-d4	5.703	65	162976	57.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.000%	
32) Benzene-d6	5.732	84	514242	57.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.100%	
36) 1,2-Dichloropropane-d6	6.694	67	163389	59.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 119.080%	
41) Toluene-d8	7.899	98	494183	56.769	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 113.540%	
43) trans-1,3-Dichloroprop...	8.182	79	81392	58.549	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 117.100%	
47) 2-Hexanone-d5	8.636	63	210210	130.864	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 130.860%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	280312	59.525	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 119.060%	
66) 1,2-Dichlorobenzene-d4	12.195	152	222292	57.696	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 115.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	168744	52.709	ug/L	100
3) Chloromethane	1.523	50	154624	50.504	ug/L	99
5) Vinyl chloride	1.607	62	156497	50.119	ug/L	99
6) Bromomethane	1.861	94	90285	53.721	ug/L	98
8) Chloroethane	1.938	64	101760	51.913	ug/L	99
9) Trichlorofluoromethane	2.141	101	221170	50.230	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	134649	52.903	ug/L	98
12) 1,1-Dichloroethene	2.584	96	122140	51.564	ug/L	92
13) Acetone	2.649	43	232176	116.079	ug/L	98
14) Carbon disulfide	2.800	76	372360	49.732	ug/L	99
15) Methyl Acetate	2.957	43	163014	51.110	ug/L	99
16) Methylene chloride	3.051	84	143207	52.685	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	133009	52.060	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	390974	54.242	ug/L	100
19) 1,1-Dichloroethane	3.874	63	235061	53.346	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	149284	53.297	ug/L	96
22) 2-Butanone	4.713	43	281805	109.373	ug/L	99
23) Bromochloromethane	4.980	128	82755	53.812	ug/L	97
25) Chloroform	5.092	83	252911	53.312	ug/L	98

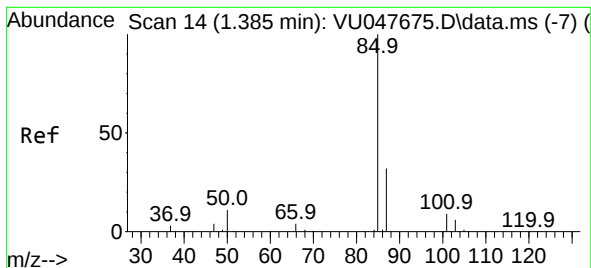
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	193296	52.739	ug/L	98
29) Cyclohexane	5.395	56	203825	56.570	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	220866	54.856	ug/L	99
31) Carbon tetrachloride	5.530	117	195462	53.762	ug/L	100
33) Benzene	5.777	78	557467	54.239	ug/L	100
34) Trichloroethene	6.546	95	146927	54.527	ug/L	99
35) Methylcyclohexane	6.768	83	232582	56.737	ug/L	99
37) 1,2-Dichloropropane	6.793	63	142807	54.657	ug/L	99
38) Bromodichloromethane	7.108	83	194251	54.140	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	228499	56.362	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	451630	109.367	ug/L	99
42) Toluene	7.973	91	626584	55.561	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	224943	55.571	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	150185	54.198	ug/L	98
46) Tetrachloroethene	8.555	164	129453	53.461	ug/L	98
48) 2-Hexanone	8.687	43	398943	112.311	ug/L	98
49) Dibromochloromethane	8.812	129	171460	53.422	ug/L	99
50) 1,2-Dibromoethane	8.925	107	167603	53.951	ug/L	100
51) Chlorobenzene	9.449	112	413303	53.976	ug/L	99
52) Ethylbenzene	9.571	91	666664	56.222	ug/L	100
53) m,p-Xylene	9.693	106	266096	57.191	ug/L	97
54) o-Xylene	10.102	106	254916	55.823	ug/L	99
55) Styrene	10.115	104	443901	56.936	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	279291	53.762	ug/L	98
59) Bromoform	10.292	173	145887	52.682	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	216137	52.942	ug/L	100
61) Isopropylbenzene	10.484	105	663062	56.653	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	361054	56.856	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	564185	58.489	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	353384	54.322	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	357970	53.126	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	351485	53.998	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	68989	52.755	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	283051	53.575	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	254379	54.970	ug/L	99
71) Naphthalene	14.089	128	790909	57.326	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	256559	55.304	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 52.709 ug/L

RT: 1.388 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047697.D

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Instrument :

MSVOA_U

ClientSampleId :

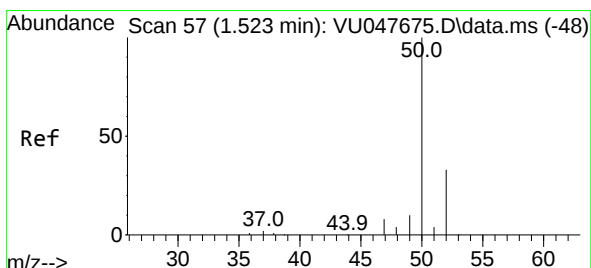
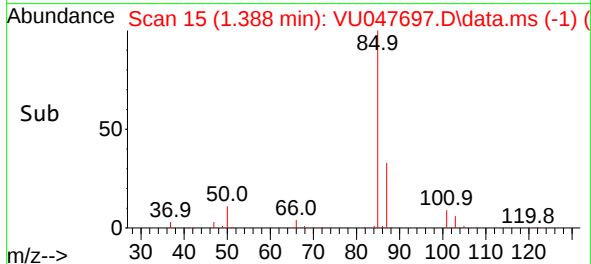
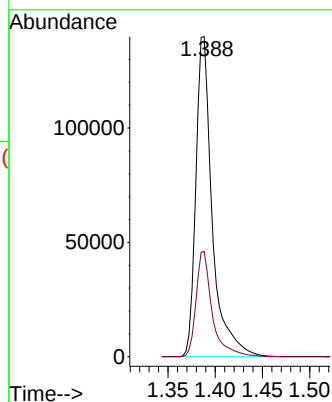
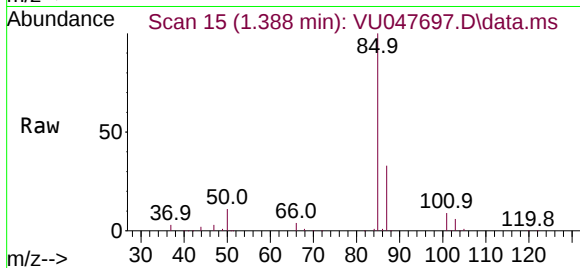
VSTD050179

Tgt Ion: 85 Resp: 168744

Ion Ratio Lower Upper

85 100

87 32.3 25.8 38.8



#3

Chloromethane

Concen: 50.504 ug/L

RT: 1.523 min Scan# 57

Delta R.T. -0.000 min

Lab File: VU047697.D

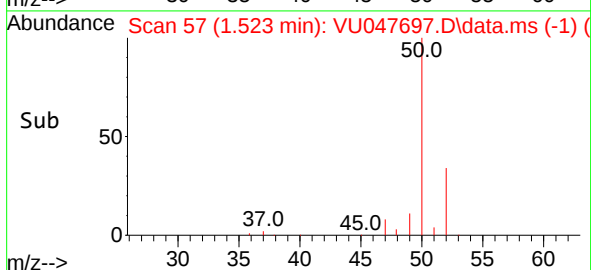
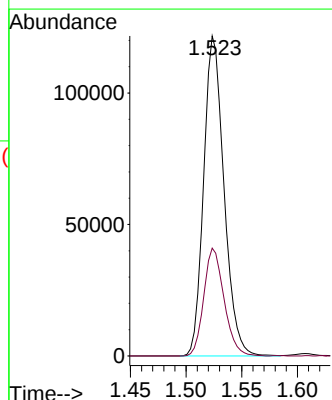
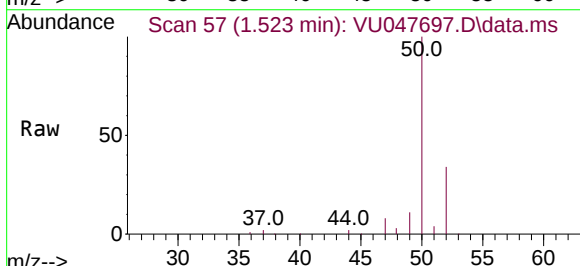
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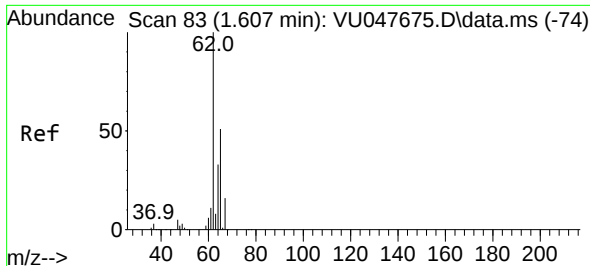
Tgt Ion: 50 Resp: 154624

Ion Ratio Lower Upper

50 100

52 33.7 23.2 43.2

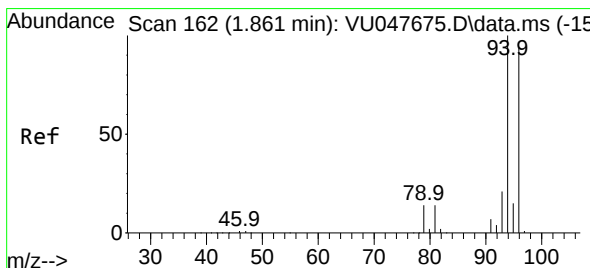
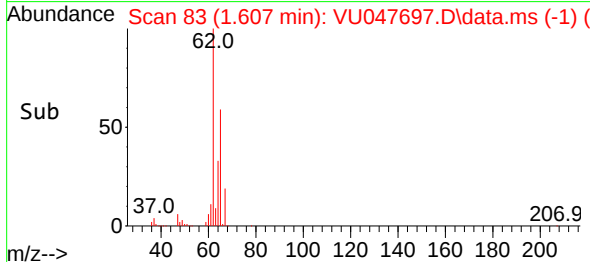
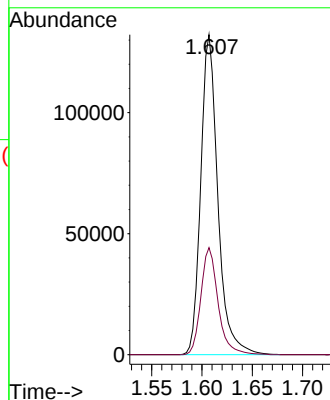
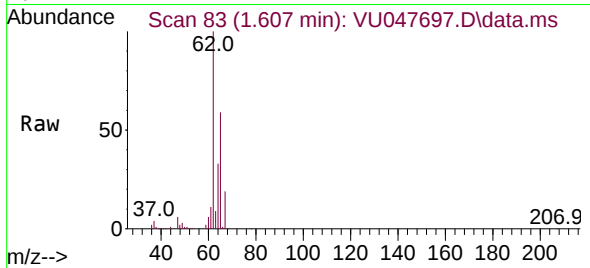




#5
 Vinyl chloride
 Concen: 50.119 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047697.D
 Acq: 26 Mar 2022 10:24

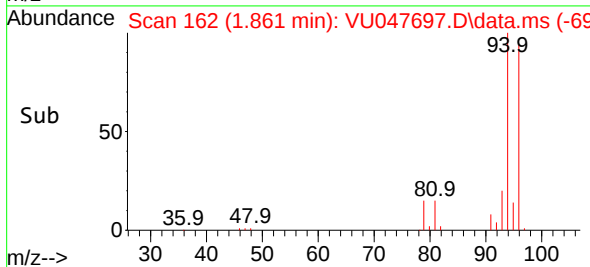
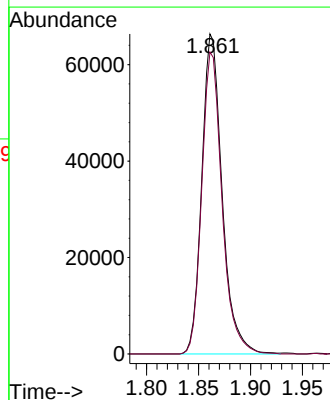
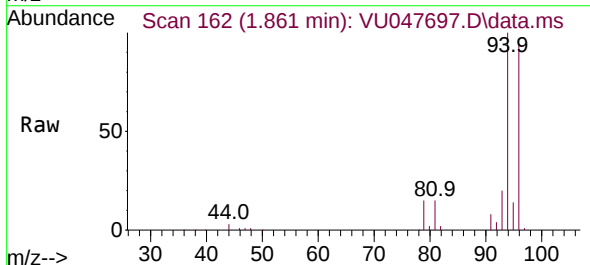
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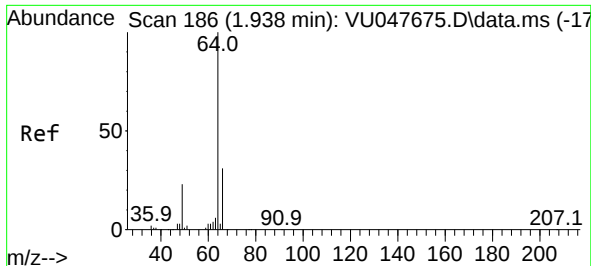
Tgt Ion: 62 Resp: 156497
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.7 43.9



#6
 Bromomethane
 Concen: 53.721 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU047697.D
 Acq: 26 Mar 2022 10:24

Tgt Ion: 94 Resp: 90285
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.8 120.3

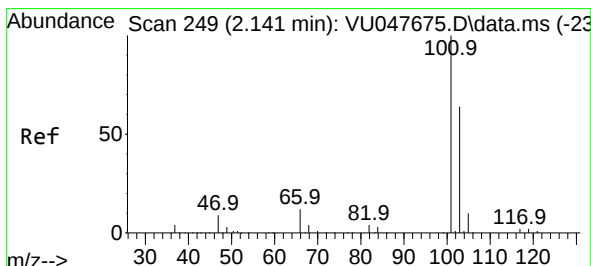
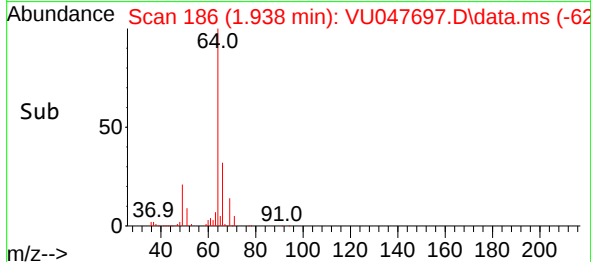
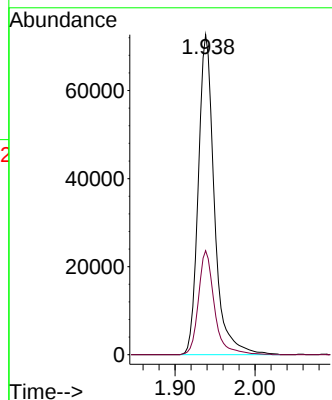
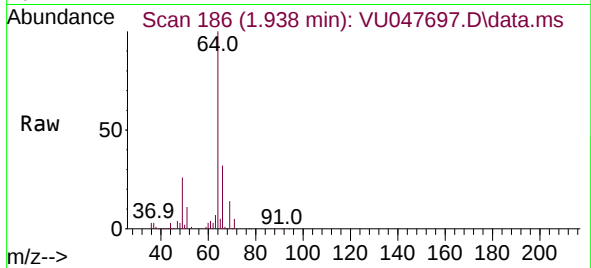




#8
Chloroethane
Concen: 51.913 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

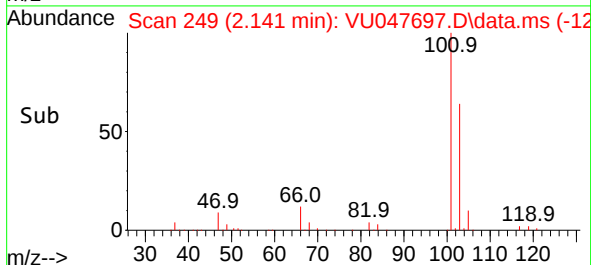
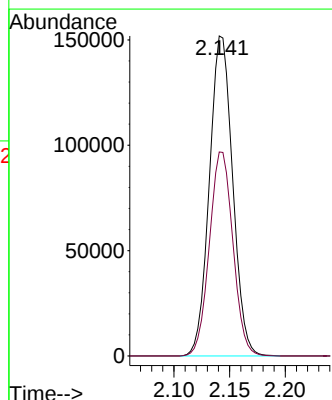
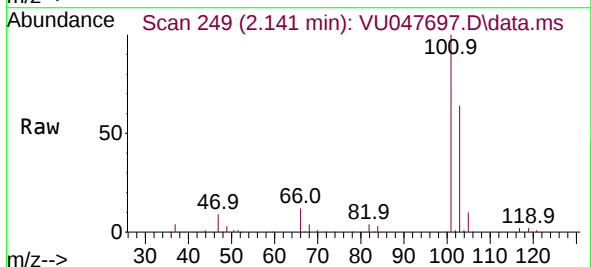
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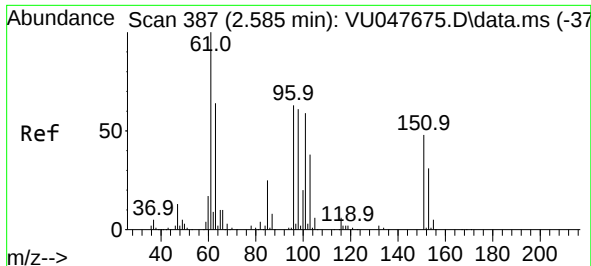
Tgt Ion: 64 Resp: 101760
Ion Ratio Lower Upper
64 100
66 32.5 23.3 43.3



#9
Trichlorofluoromethane
Concen: 50.230 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion:101 Resp: 221170
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

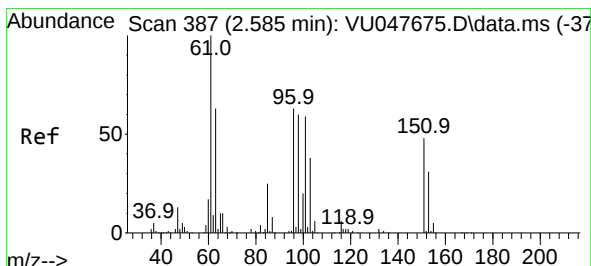
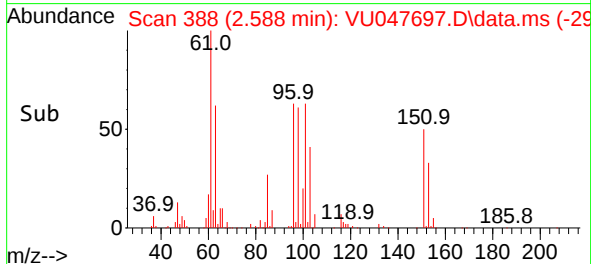
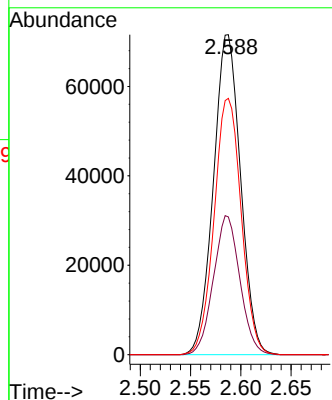
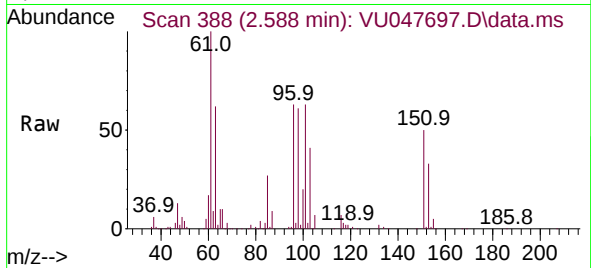




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.903 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

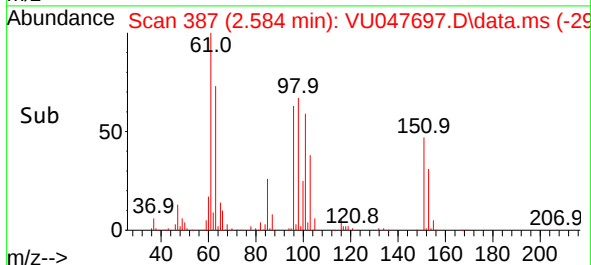
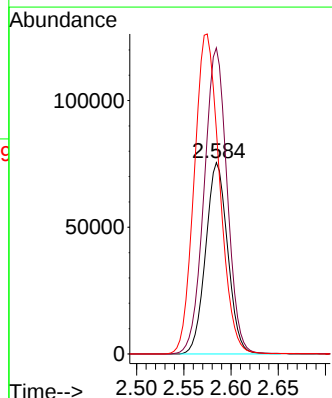
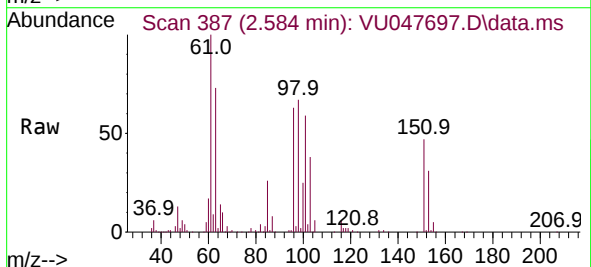
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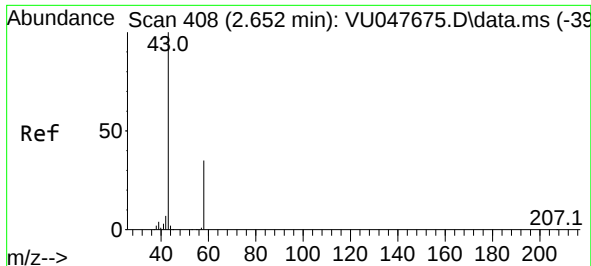
Tgt Ion:101 Resp: 134649
Ion Ratio Lower Upper
101 100
85 42.2 32.8 49.2
151 79.9 63.0 94.6



#12
1,1-Dichloroethene
Concen: 51.564 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion: 96 Resp: 122140
Ion Ratio Lower Upper
96 100
61 159.9 113.1 210.1
63 117.1 94.8 176.0





#13

Acetone

Concen: 116.079 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU047697.D

Acq: 26 Mar 2022 10:24

Instrument :

MSVOA_U

ClientSampleId :

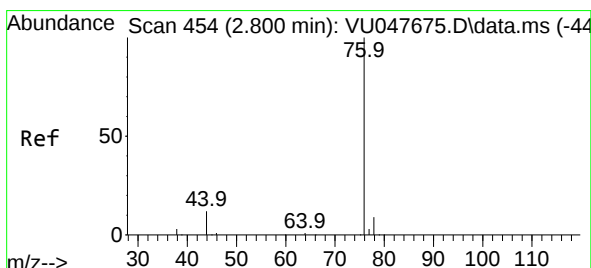
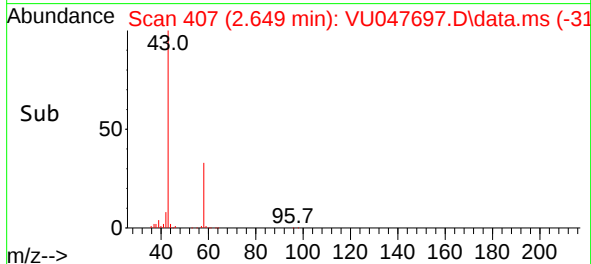
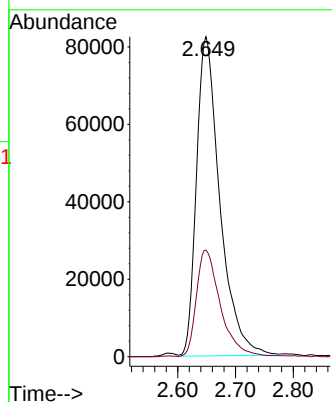
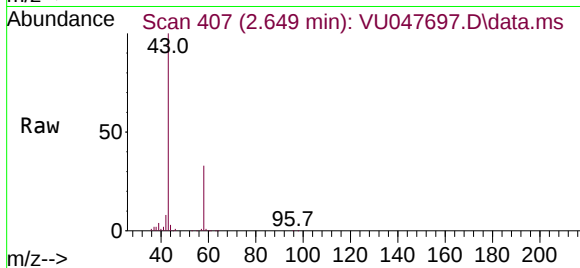
VSTD050179

Tgt Ion: 43 Resp: 232176

Ion Ratio Lower Upper

43 100

58 34.1 0.0 70.0



#14

Carbon disulfide

Concen: 49.732 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047697.D

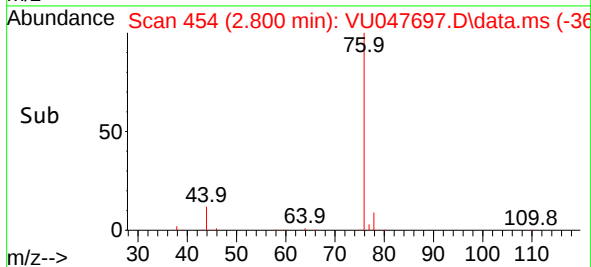
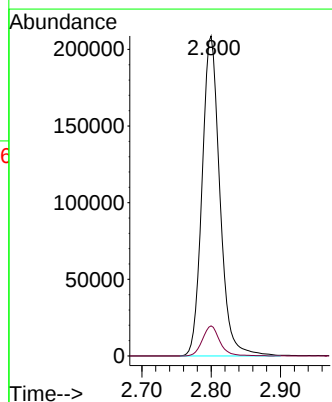
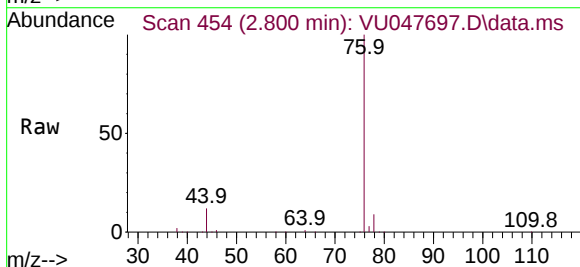
Acq: 26 Mar 2022 10:24

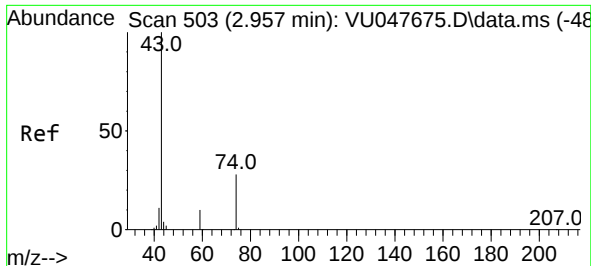
Tgt Ion: 76 Resp: 372360

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

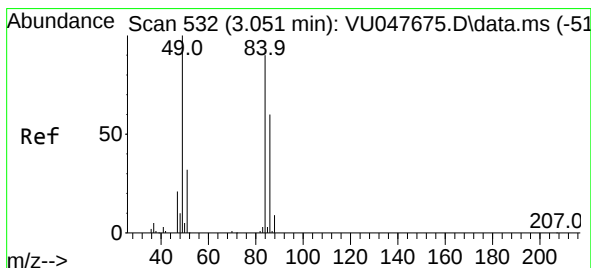
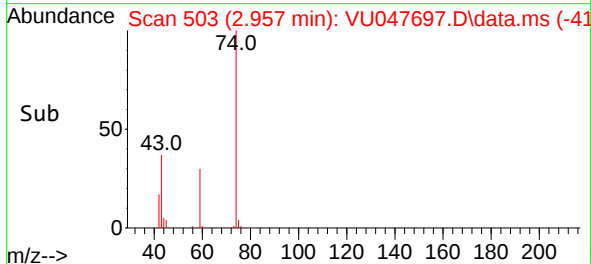
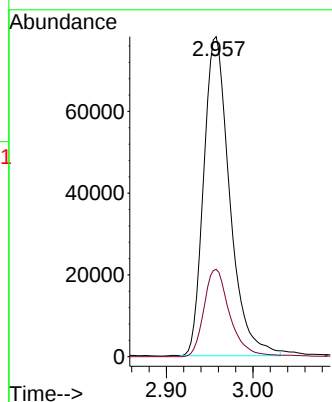
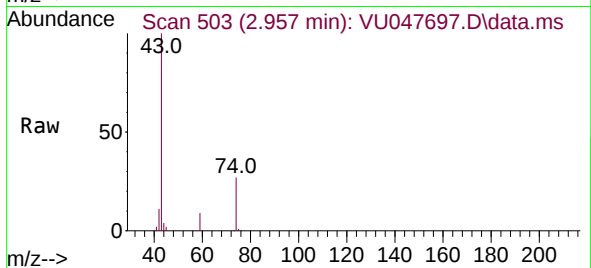




#15
Methyl Acetate
Concen: 51.110 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

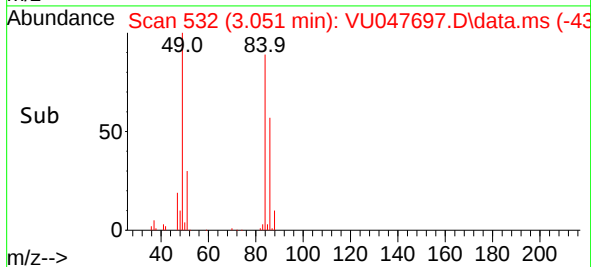
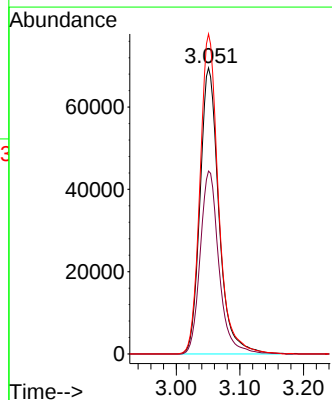
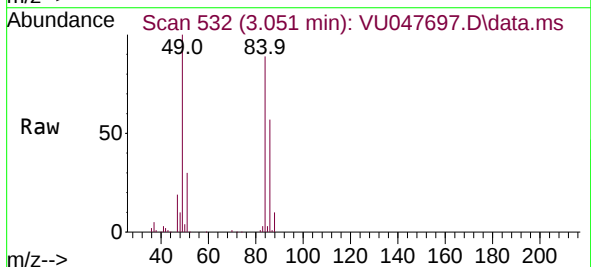
Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

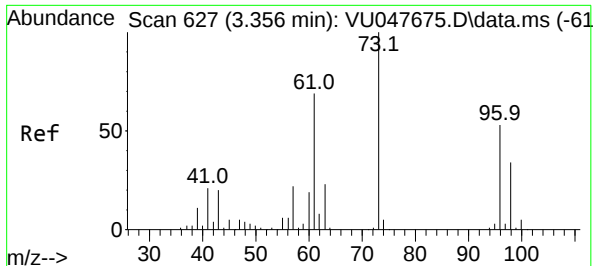
Tgt Ion: 43 Resp: 163014
Ion Ratio Lower Upper
43 100
74 27.2 22.2 33.2



#16
Methylene chloride
Concen: 52.685 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion: 84 Resp: 143207
Ion Ratio Lower Upper
84 100
86 63.9 46.0 85.4
49 111.8 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 52.060 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047697.D

Acq: 26 Mar 2022 10:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD050179

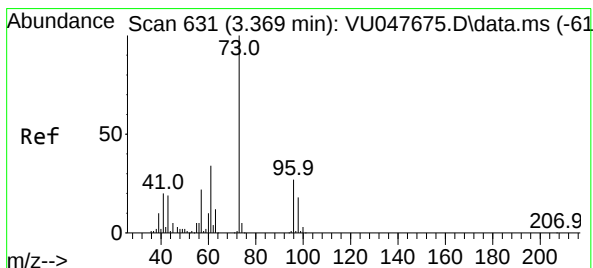
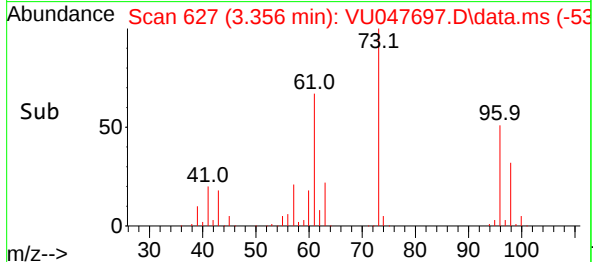
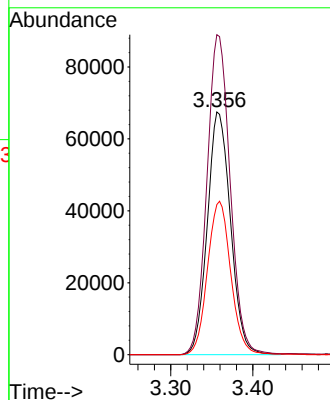
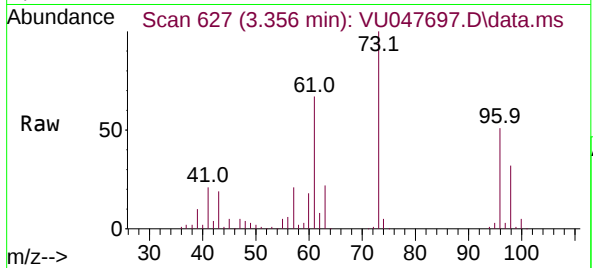
Tgt Ion: 96 Resp: 133009

Ion Ratio Lower Upper

96 100

61 131.8 88.4 164.2

98 61.8 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 54.242 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.003 min

Lab File: VU047697.D

Acq: 26 Mar 2022 10:24

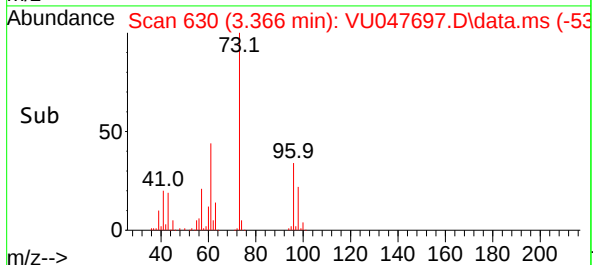
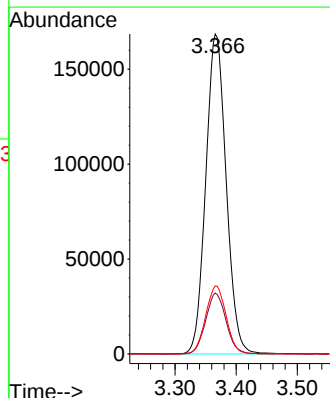
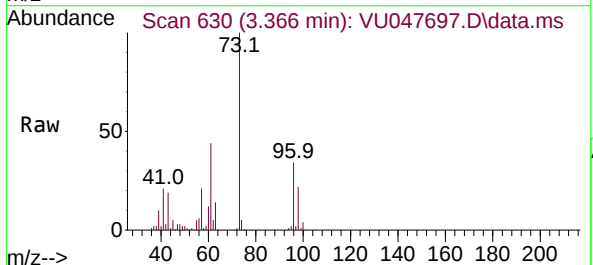
Tgt Ion: 73 Resp: 390974

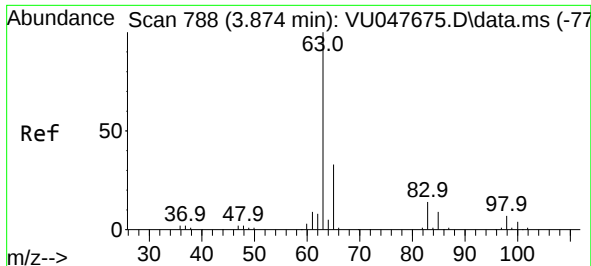
Ion Ratio Lower Upper

73 100

43 19.1 15.3 22.9

57 21.3 17.0 25.6





#19

1,1-Dichloroethane

Concen: 53.346 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047697.D

Acq: 26 Mar 2022 10:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD050179

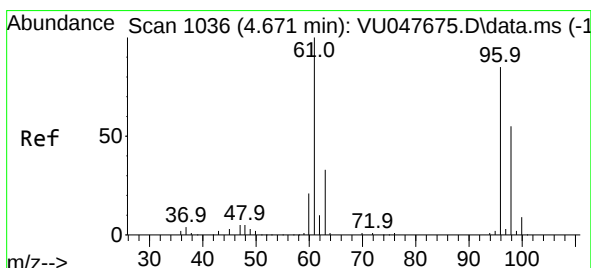
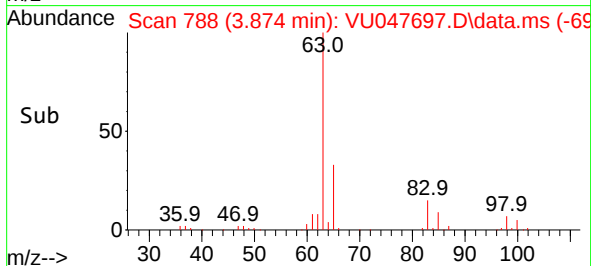
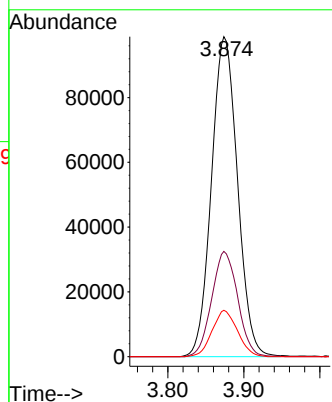
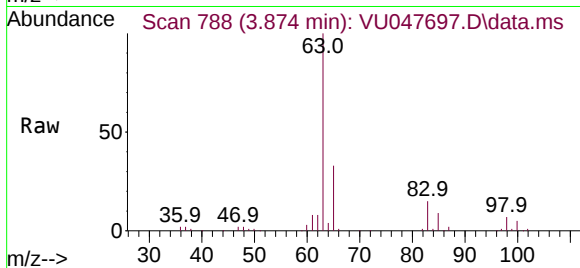
Tgt Ion: 63 Resp: 235061

Ion Ratio Lower Upper

63 100

65 32.9 22.0 41.0

83 14.5 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 53.297 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047697.D

Acq: 26 Mar 2022 10:24

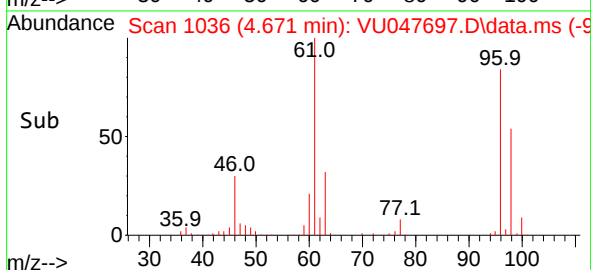
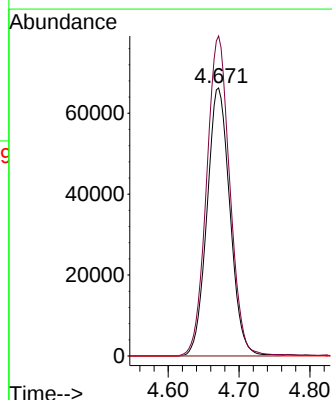
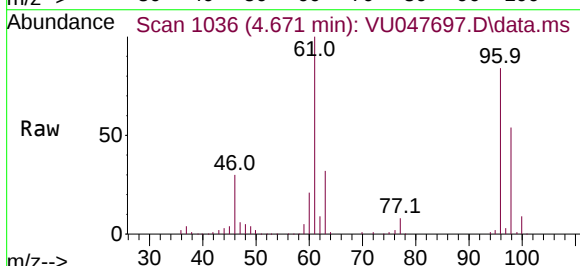
Tgt Ion: 96 Resp: 149284

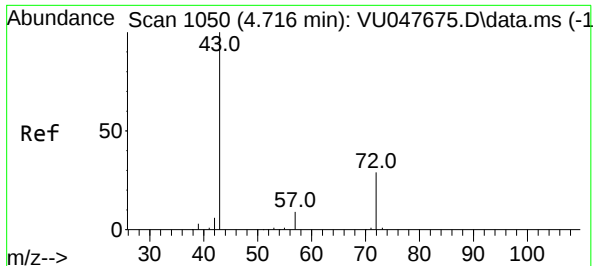
Ion Ratio Lower Upper

96 100

61 119.4 80.7 149.9

68 0.0 0.0 0.0

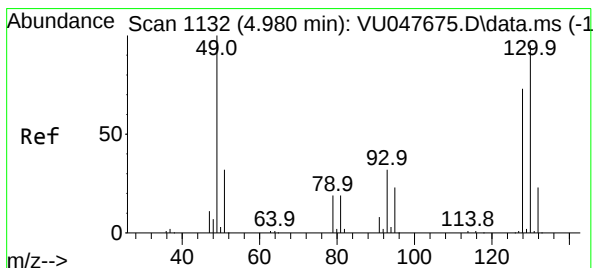
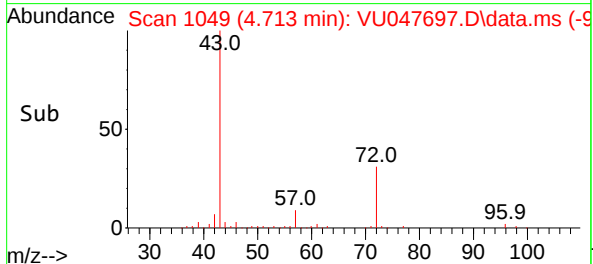
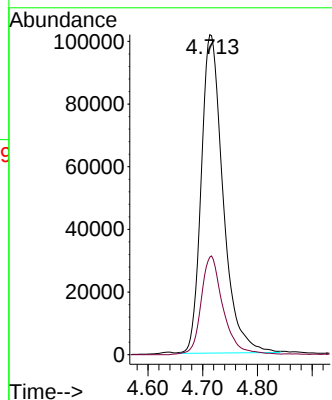
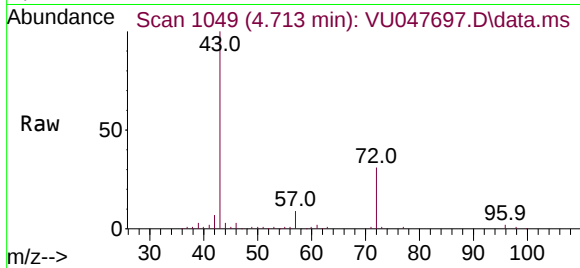




#22
2-Butanone
Concen: 109.373 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

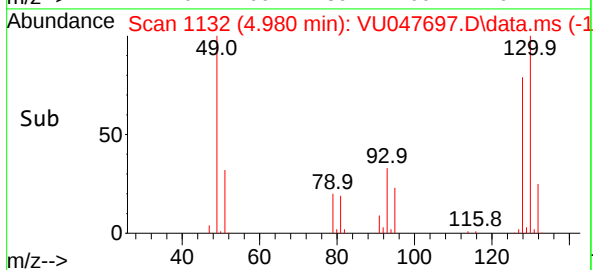
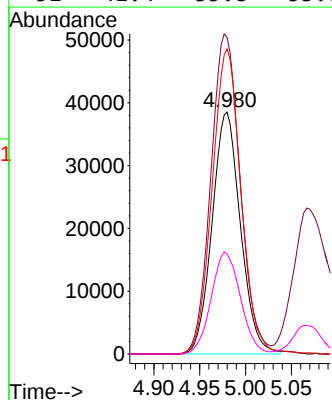
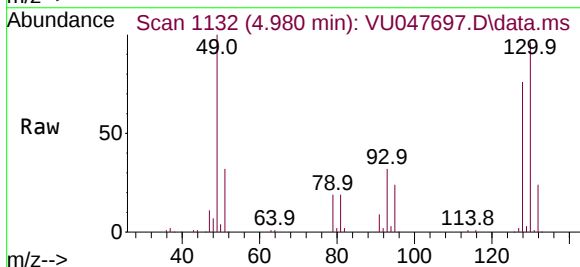
Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

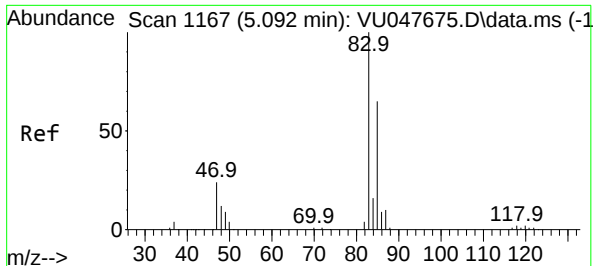
Tgt Ion: 43 Resp: 281805
Ion Ratio Lower Upper
43 100
72 31.3 16.0 47.9



#23
Bromochloromethane
Concen: 53.812 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion:128 Resp: 82755
Ion Ratio Lower Upper
128 100
49 130.9 94.1 174.8
130 126.2 90.2 167.4
51 41.4 35.8 53.6





#25

Chloroform

Concen: 53.312 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047697.D

Acq: 26 Mar 2022 10:24

Instrument :

MSVOA_U

ClientSampleId :

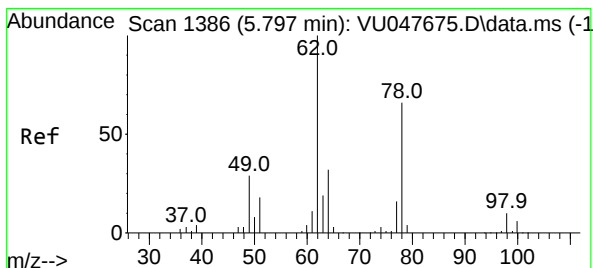
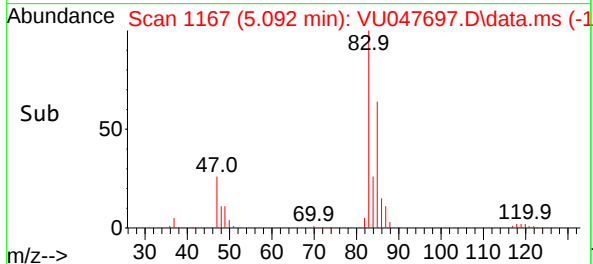
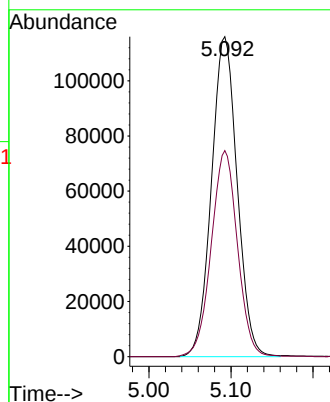
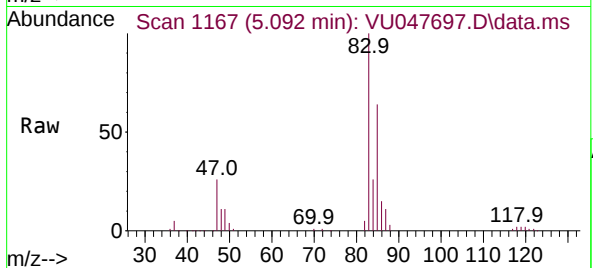
VSTD050179

Tgt Ion: 83 Resp: 252911

Ion Ratio Lower Upper

83 100

85 64.4 46.2 85.8



#27

1,2-Dichloroethane

Concen: 52.739 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047697.D

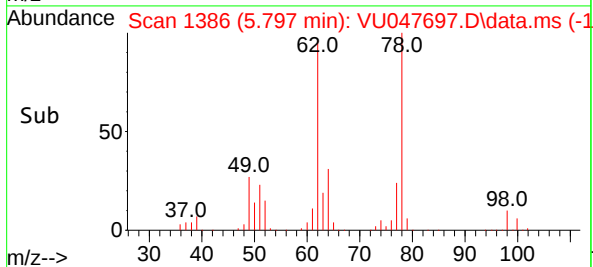
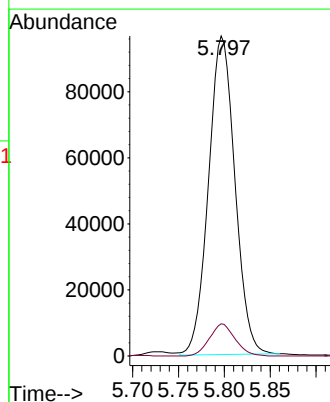
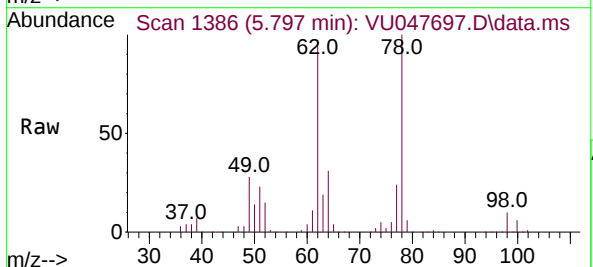
Acq: 26 Mar 2022 10:24

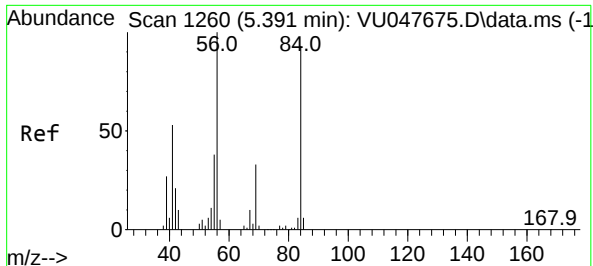
Tgt Ion: 62 Resp: 193296

Ion Ratio Lower Upper

62 100

98 10.1 7.4 11.0





#29

Cyclohexane

Concen: 56.570 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU047697.D

Acq: 26 Mar 2022 10:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD050179

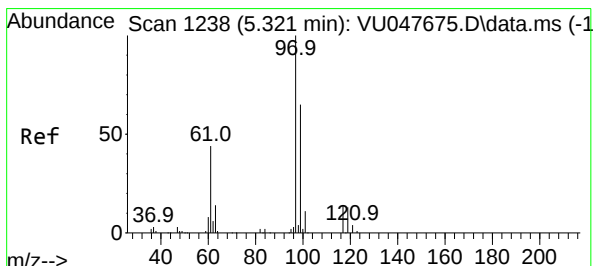
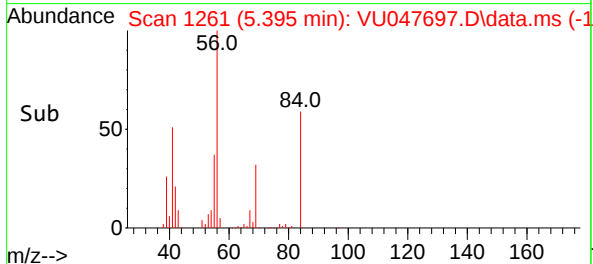
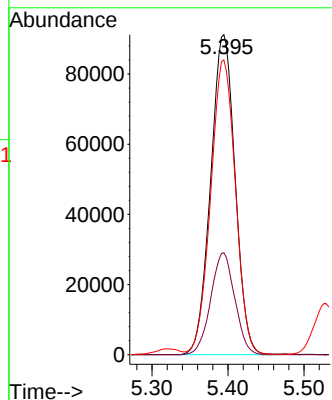
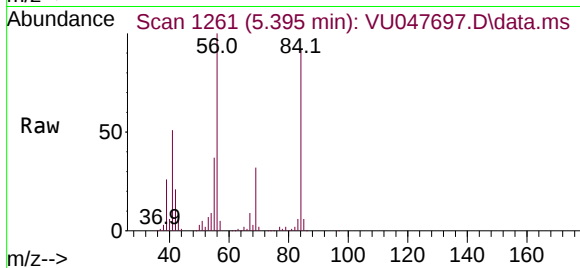
Tgt Ion: 56 Resp: 203825

Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.2

84 93.3 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 54.856 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047697.D

Acq: 26 Mar 2022 10:24

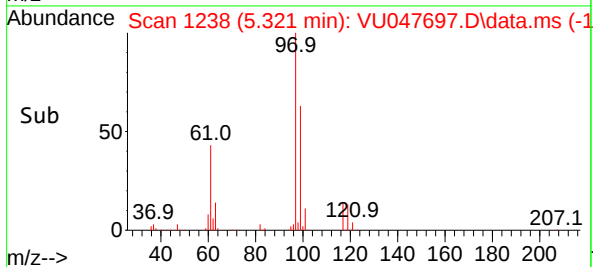
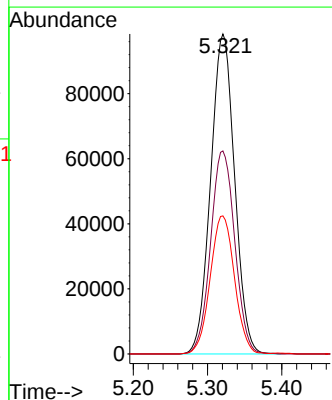
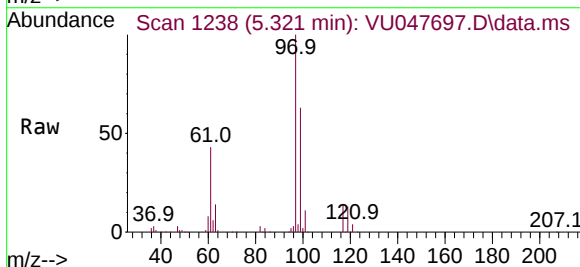
Tgt Ion: 97 Resp: 220866

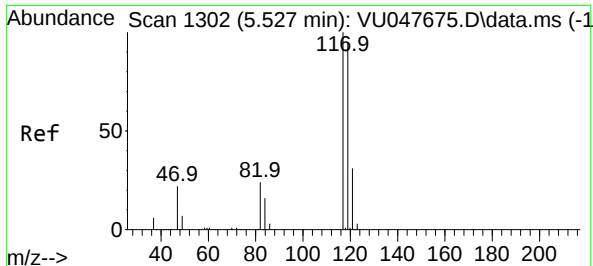
Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 43.8 34.2 51.4

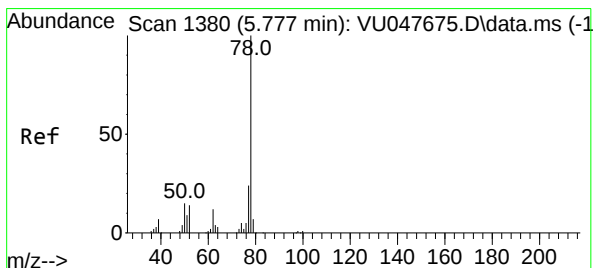
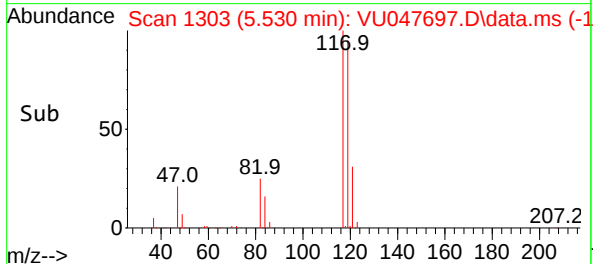
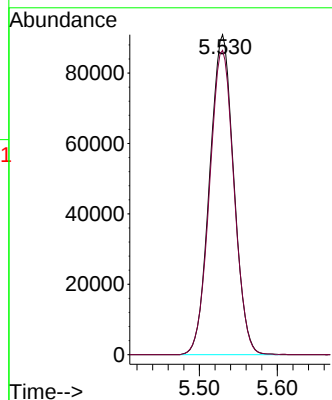
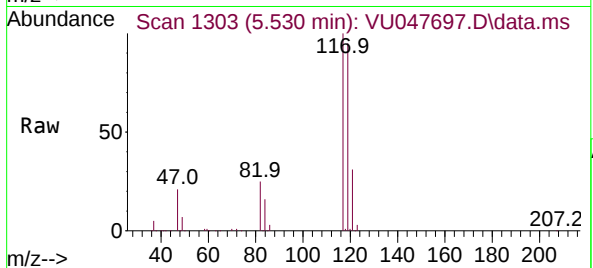




#31
Carbon tetrachloride
Concen: 53.762 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

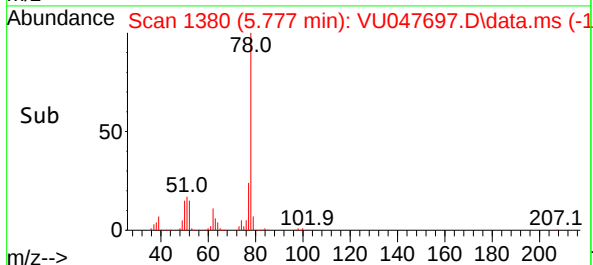
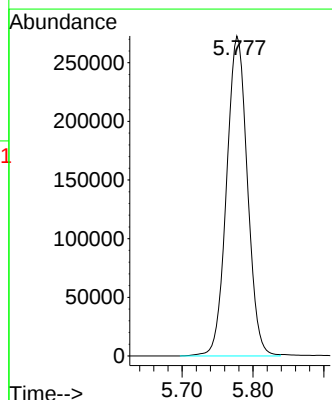
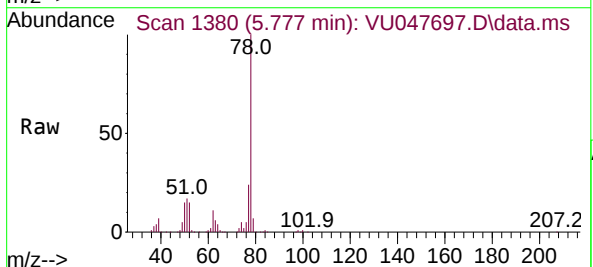
Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

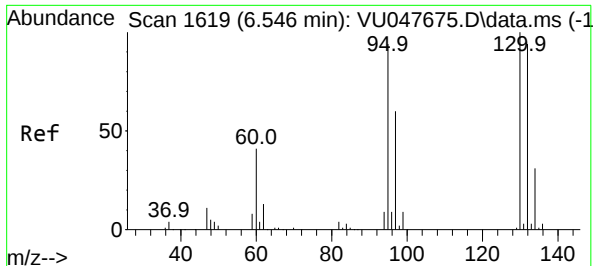
Tgt Ion:117 Resp: 195462
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8



#33
Benzene
Concen: 54.239 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion: 78 Resp: 557467

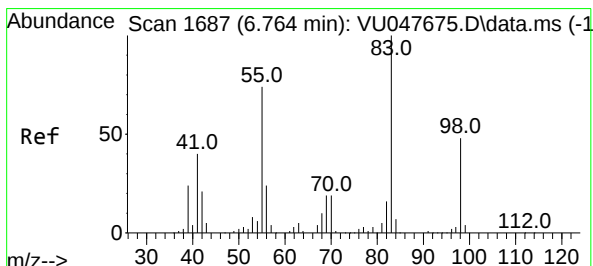
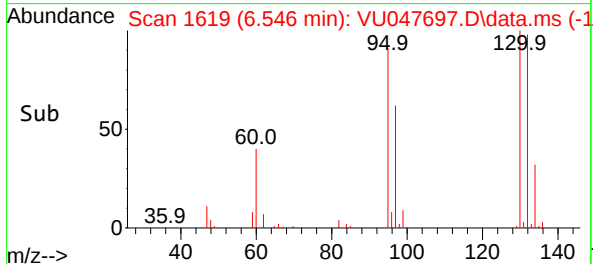
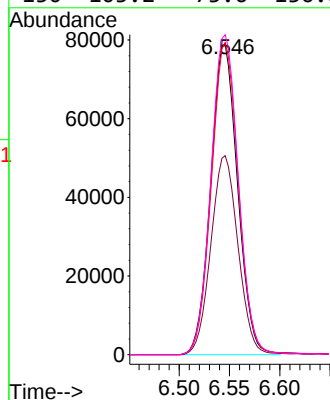
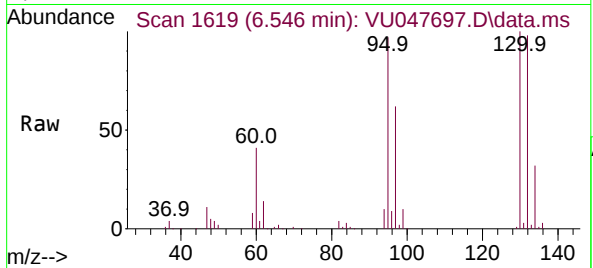




#34
Trichloroethene
Concen: 54.527 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

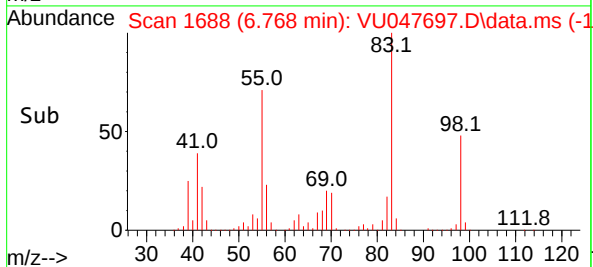
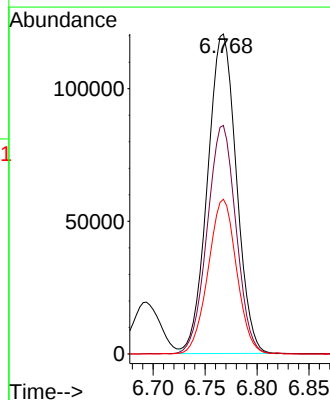
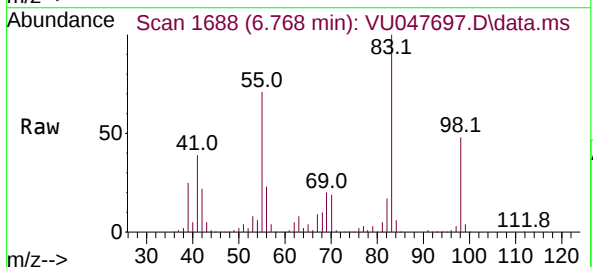
Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

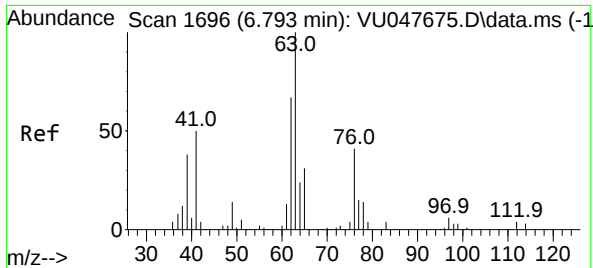
Tgt Ion: 95 Resp: 146927
Ion Ratio Lower Upper
95 100
97 64.1 44.7 82.9
132 100.6 70.4 130.8
130 103.2 73.6 136.8



#35
Methylcyclohexane
Concen: 56.737 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion: 83 Resp: 232582
Ion Ratio Lower Upper
83 100
55 71.6 56.8 85.2
98 47.9 38.1 57.1

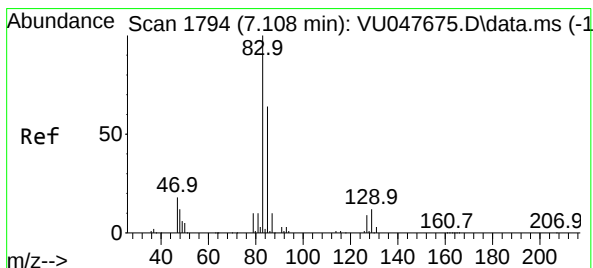
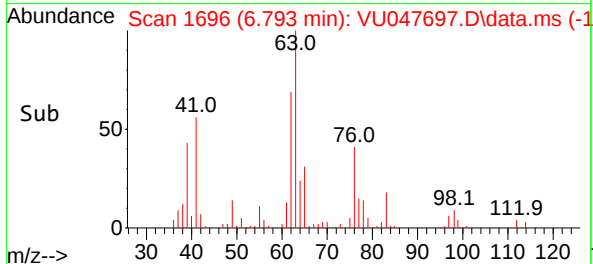
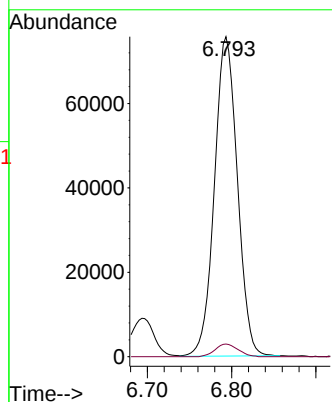
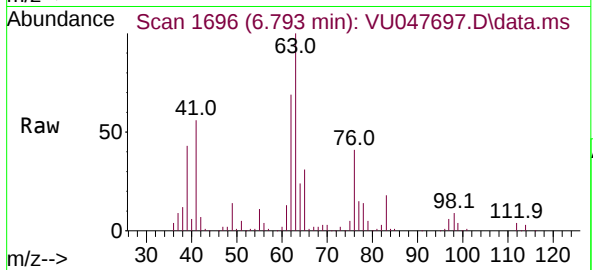




#37
1,2-Dichloropropane
Concen: 54.657 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

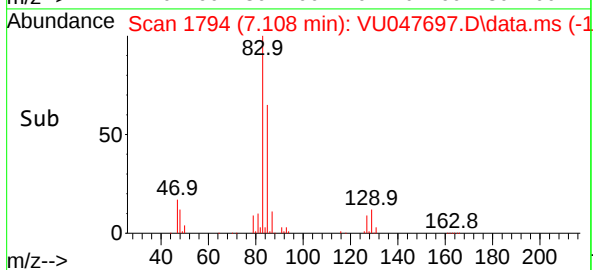
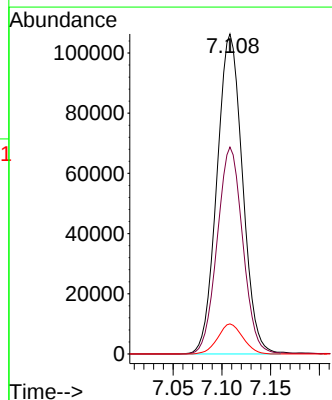
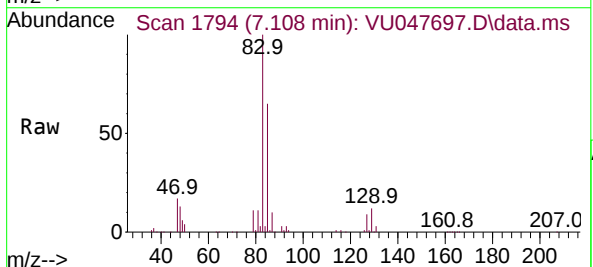
Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

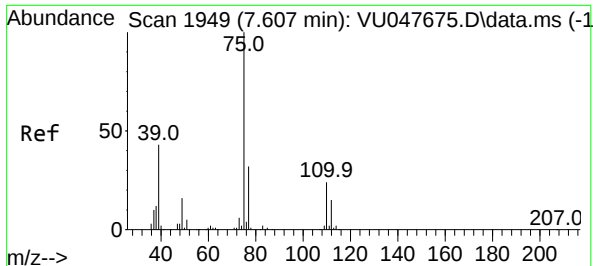
Tgt Ion: 63 Resp: 142807
Ion Ratio Lower Upper
63 100
112 4.0 3.4 5.2



#38
Bromodichloromethane
Concen: 54.140 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion: 83 Resp: 194251
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.4
127 9.4 7.2 10.8

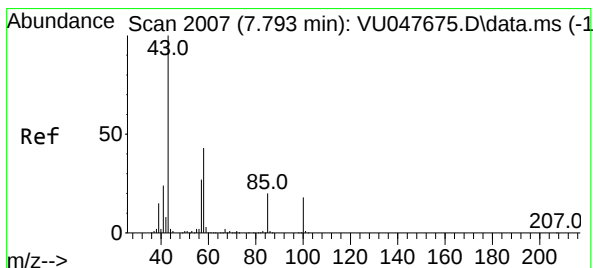
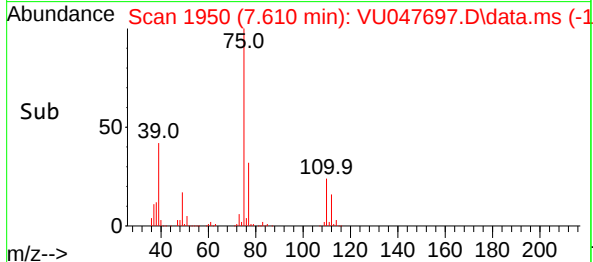
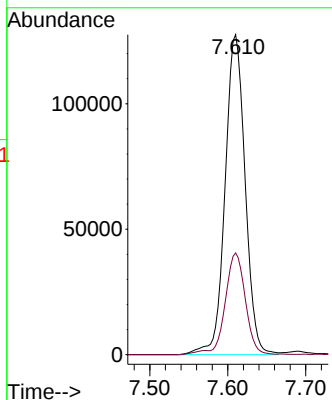
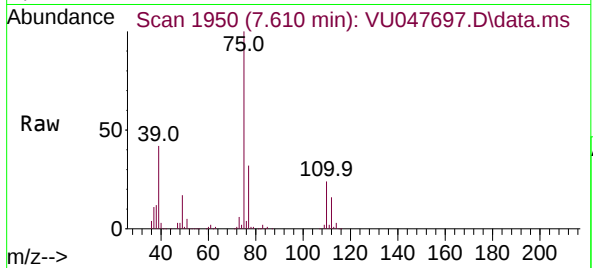




#39
 cis-1,3-Dichloropropene
 Concen: 56.362 ug/L
 RT: 7.610 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU047697.D
 Acq: 26 Mar 2022 10:24

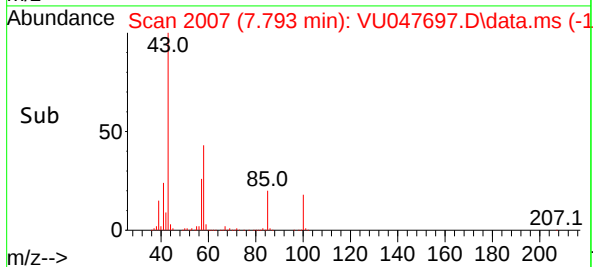
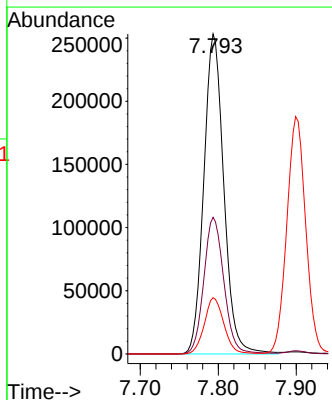
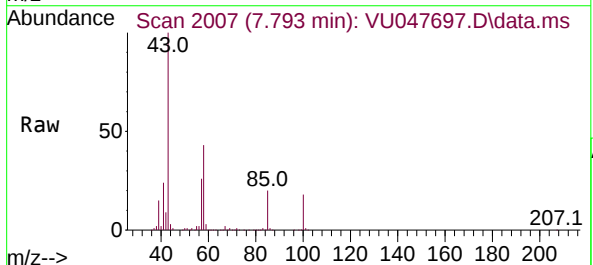
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050179

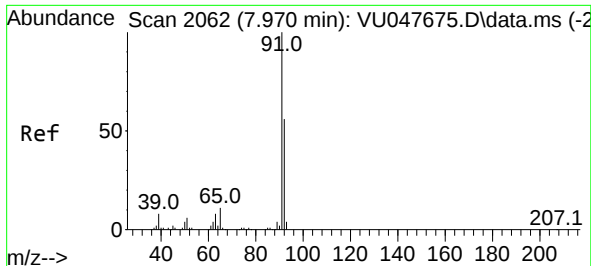
Tgt Ion: 75 Resp: 228499
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 109.367 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: VU047697.D
 Acq: 26 Mar 2022 10:24

Tgt Ion: 43 Resp: 451630
 Ion Ratio Lower Upper
 43 100
 58 42.9 34.7 52.1
 100 17.2 14.2 21.2





#42

Toluene

Concen: 55.561 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU047697.D

Acq: 26 Mar 2022 10:24

Instrument :

MSVOA_U

ClientSampleId :

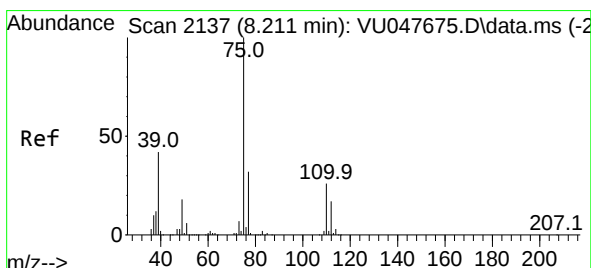
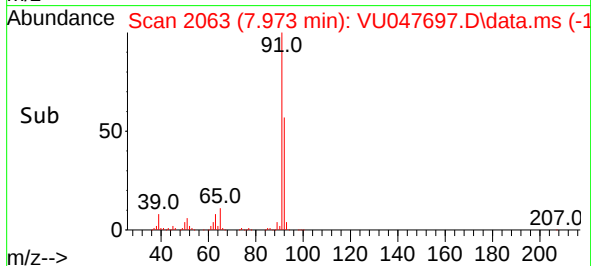
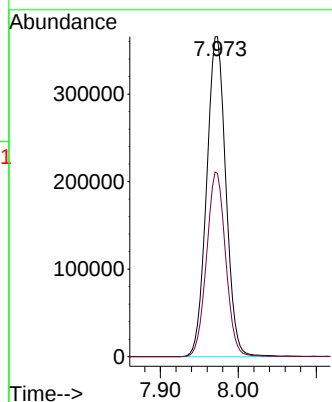
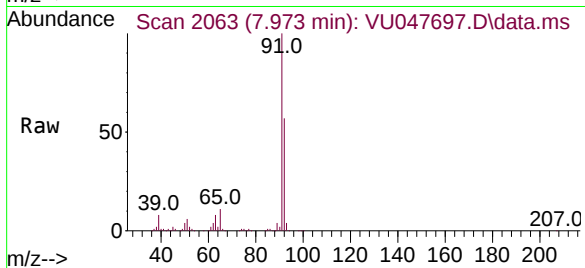
VSTD050179

Tgt Ion: 91 Resp: 626584

Ion Ratio Lower Upper

91 100

92 57.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 55.571 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047697.D

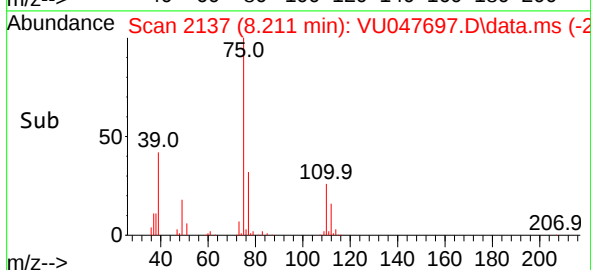
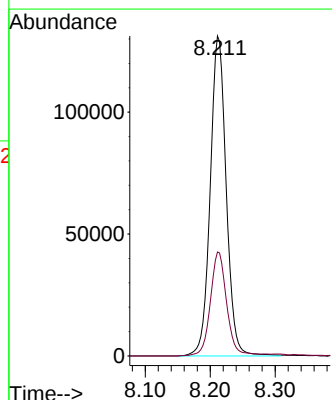
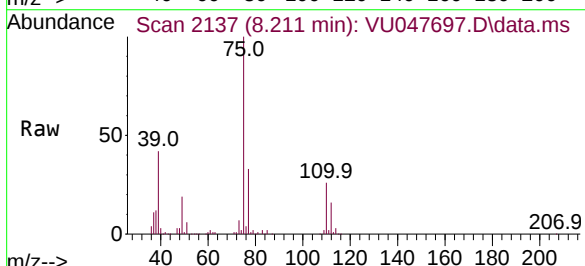
Acq: 26 Mar 2022 10:24

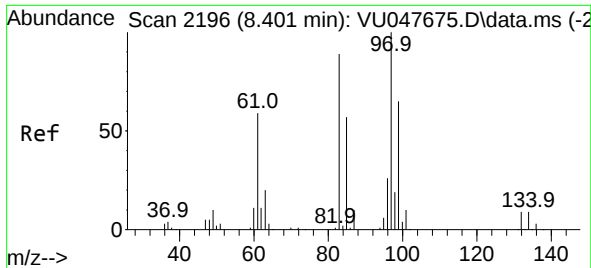
Tgt Ion: 75 Resp: 224943

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8

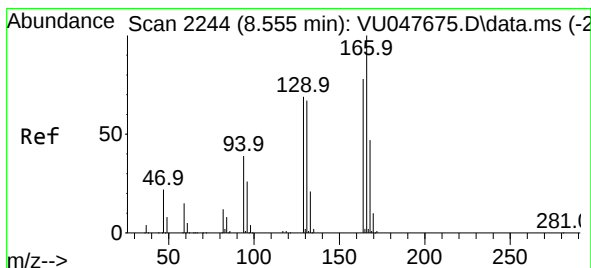
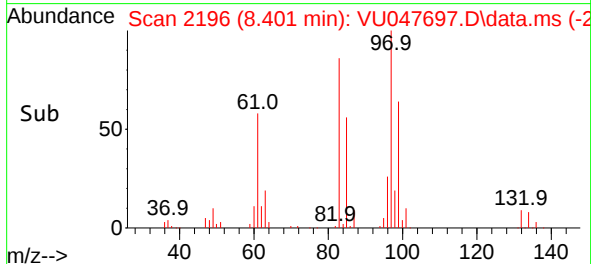
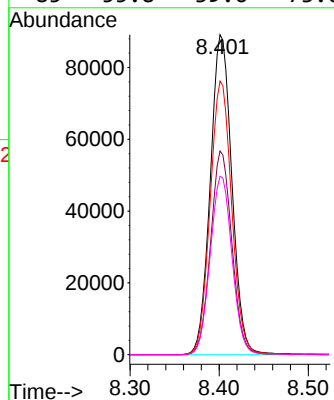
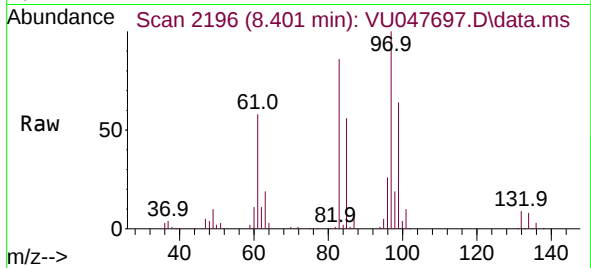




#45
1,1,2-Trichloroethane
Concen: 54.198 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

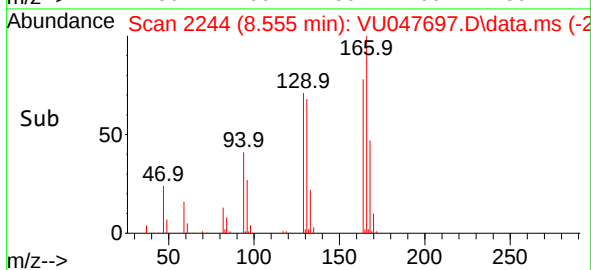
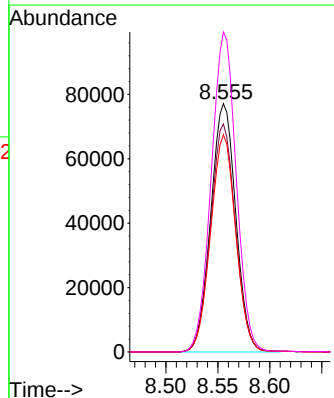
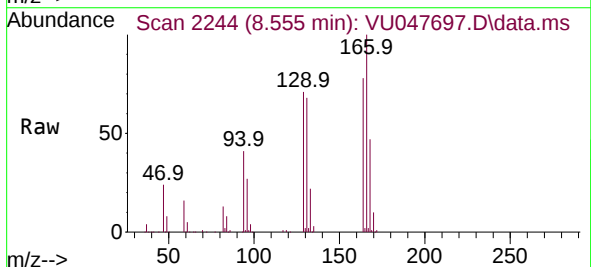
Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

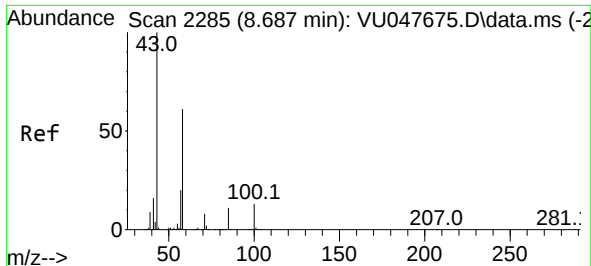
Tgt Ion:	97	Resp:	150185
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.3	80.3
83	85.5	61.0	113.4
85	55.8	39.6	73.6



#46
Tetrachloroethene
Concen: 53.461 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion:	164	Resp:	129453
Ion	Ratio	Lower	Upper
164	100		
129	91.8	62.4	116.0
131	87.5	60.7	112.7
166	128.9	89.0	165.4



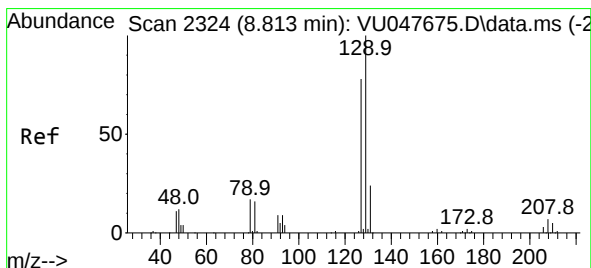
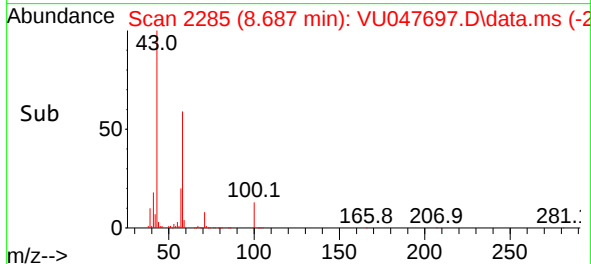
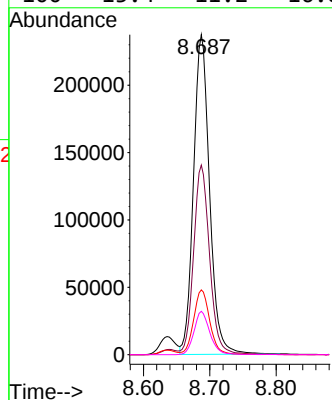
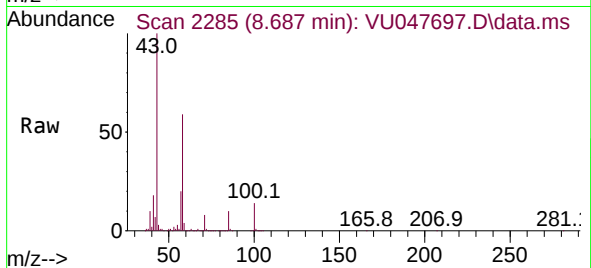


#48
2-Hexanone
Concen: 112.311 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

Tgt Ion: 43 Resp: 398943

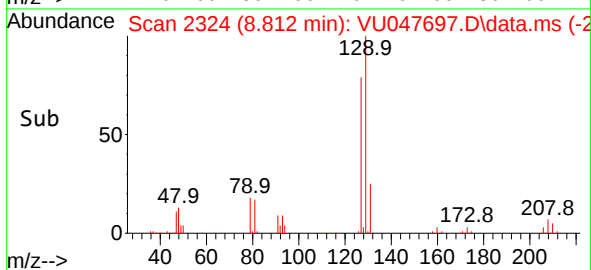
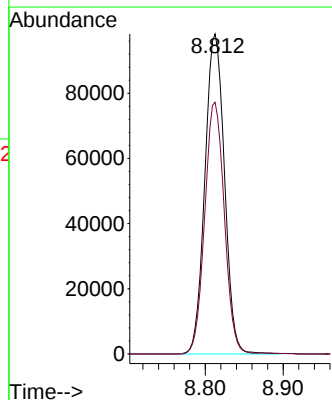
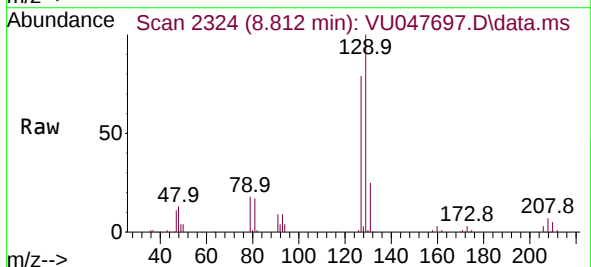
Ion	Ratio	Lower	Upper
43	100		
58	58.3	48.1	72.1
57	19.9	16.2	24.4
100	13.4	11.2	16.8

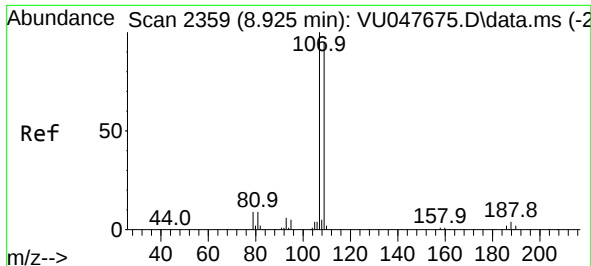


#49
Dibromochloromethane
Concen: 53.422 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion: 129 Resp: 171460

Ion	Ratio	Lower	Upper
129	100		
127	78.7	54.2	100.6

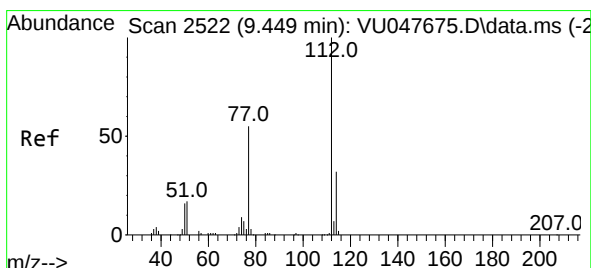
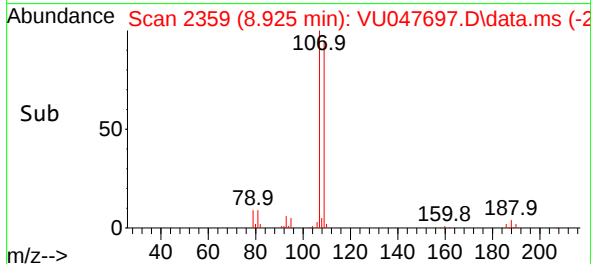
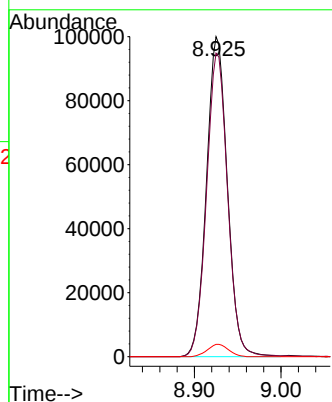
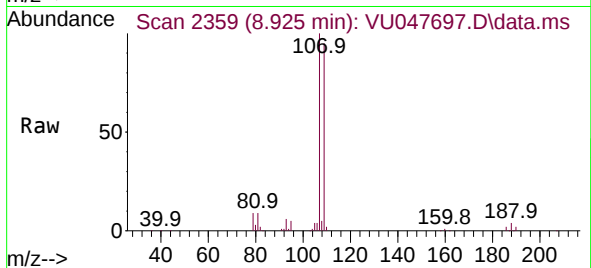




#50
1,2-Dibromoethane
Concen: 53.951 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

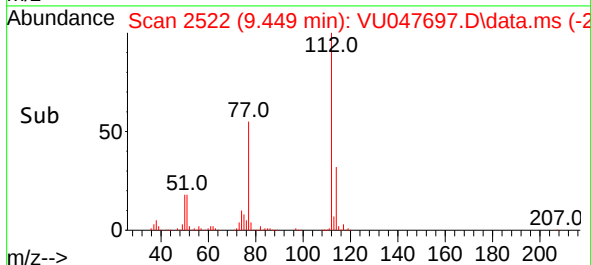
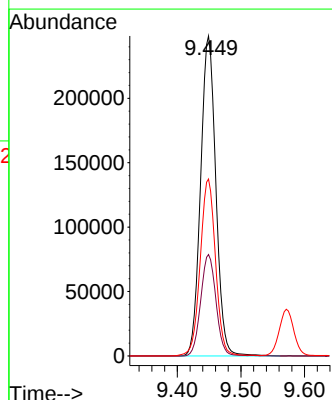
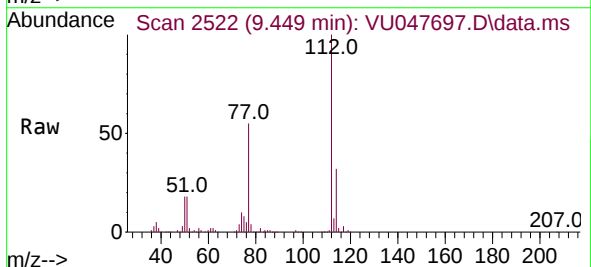
Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

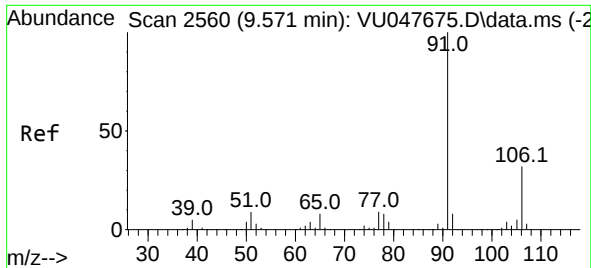
Tgt Ion:107 Resp: 167603
Ion Ratio Lower Upper
107 100
109 94.9 66.6 123.6
188 3.8 3.4 5.2



#51
Chlorobenzene
Concen: 53.976 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion:112 Resp: 413303
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 55.3 43.4 65.0

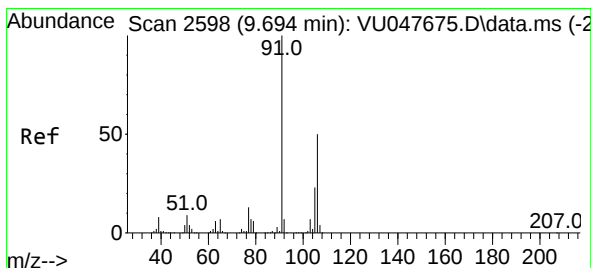
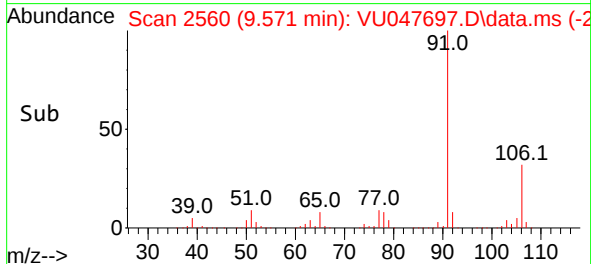
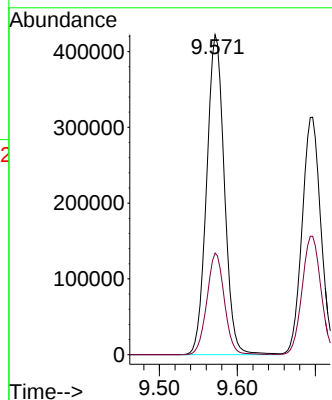
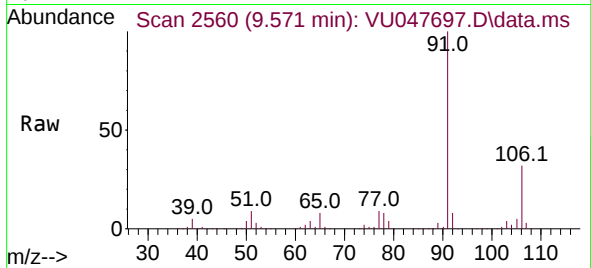




#52
Ethylbenzene
Concen: 56.222 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

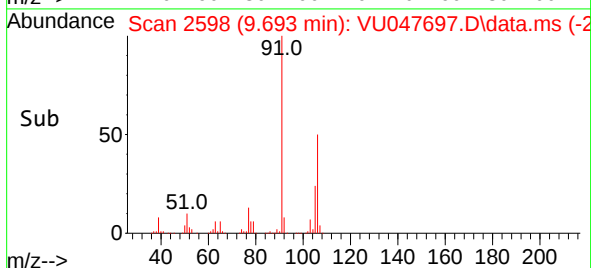
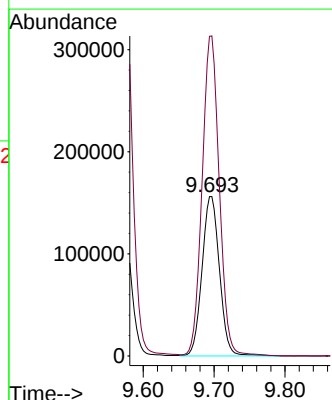
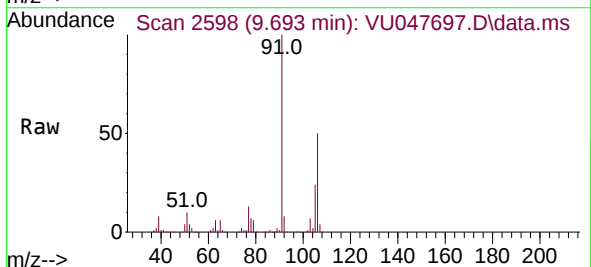
Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

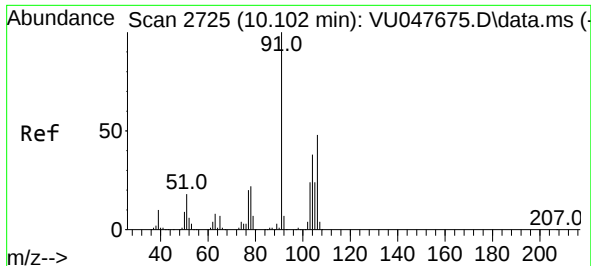
Tgt Ion: 91 Resp: 666664
Ion Ratio Lower Upper
91 100
106 31.7 22.4 41.6



#53
m,p-Xylene
Concen: 57.191 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion: 106 Resp: 266096
Ion Ratio Lower Upper
106 100
91 200.5 137.7 255.7

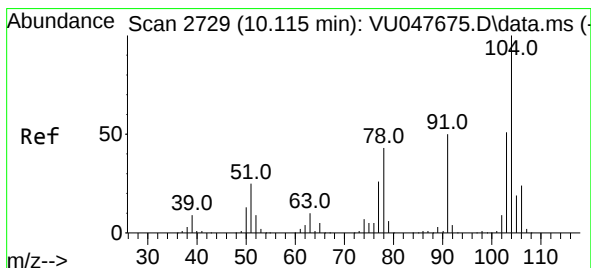
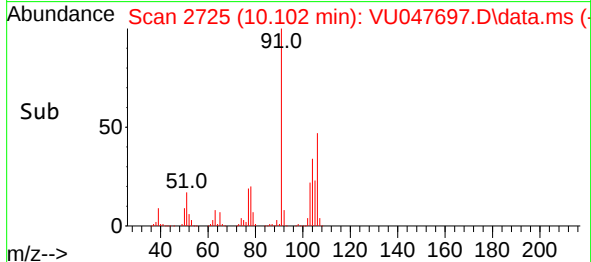
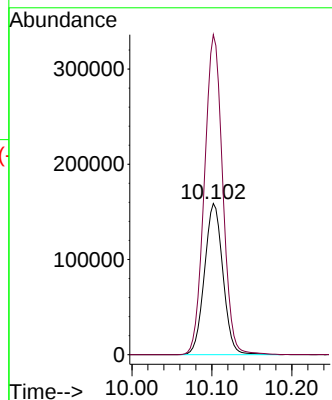
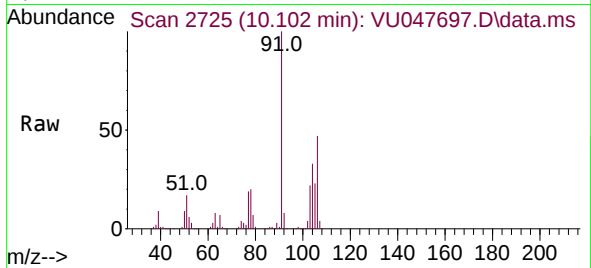




#54
o-Xylene
Concen: 55.823 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

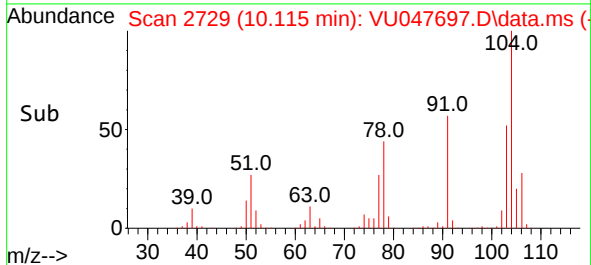
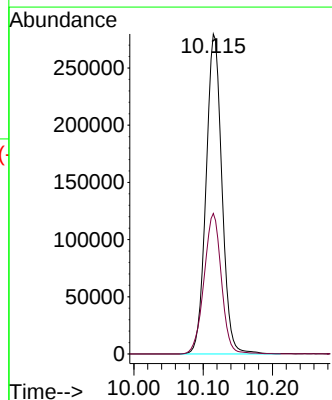
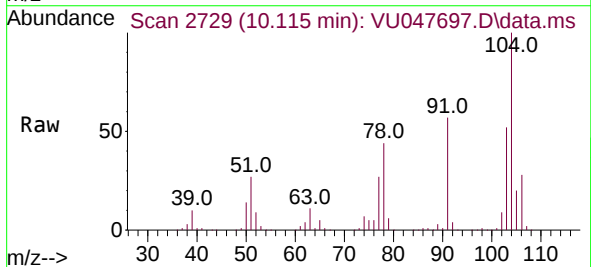
Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

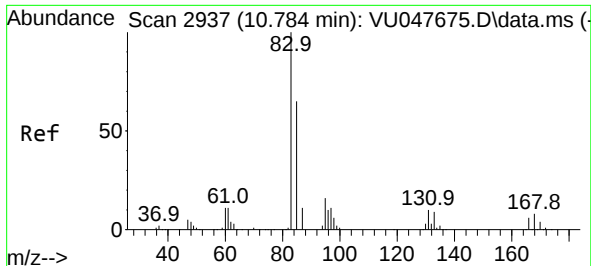
Tgt Ion:106 Resp: 254916
Ion Ratio Lower Upper
106 100
91 211.7 146.7 272.5



#55
Styrene
Concen: 56.936 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion:104 Resp: 443901
Ion Ratio Lower Upper
104 100
78 43.9 30.4 56.4





#57

1,1,2,2-Tetrachloroethane

Concen: 53.762 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047697.D

Acq: 26 Mar 2022 10:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD050179

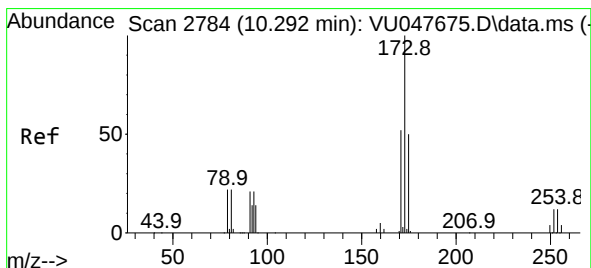
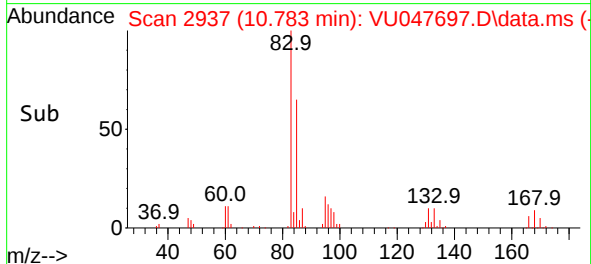
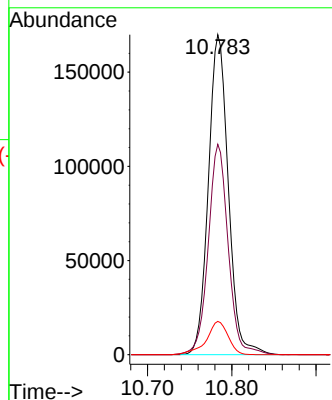
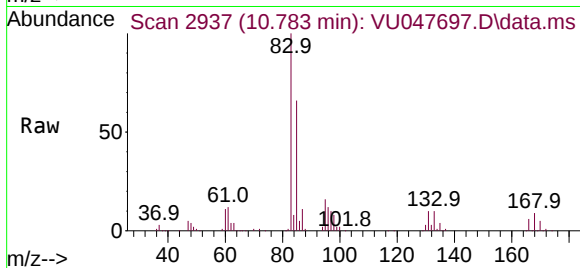
Tgt Ion: 83 Resp: 279291

Ion Ratio Lower Upper

83 100

85 65.8 44.9 83.3

131 10.4 8.6 13.0



#59

Bromoform

Concen: 52.682 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU047697.D

Acq: 26 Mar 2022 10:24

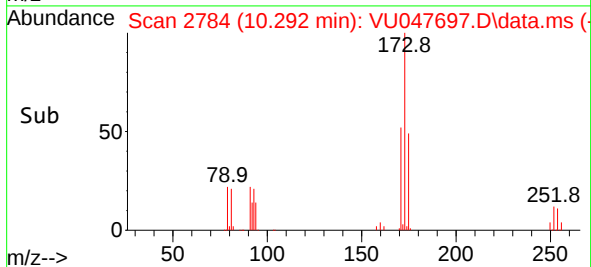
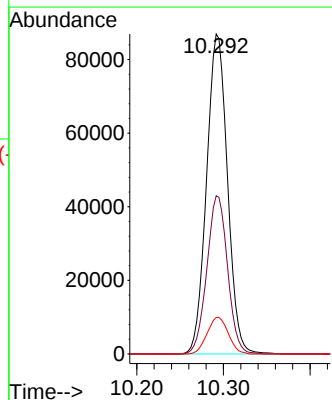
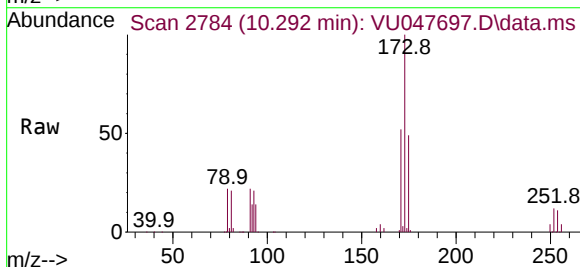
Tgt Ion:173 Resp: 145887

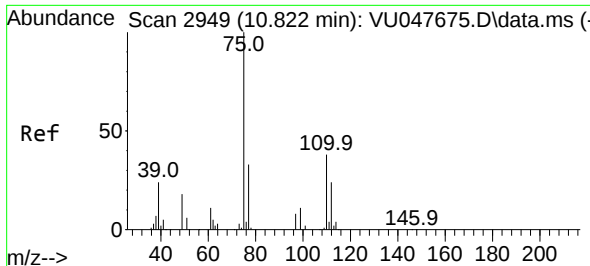
Ion Ratio Lower Upper

173 100

175 48.9 38.7 58.1

254 11.6 9.6 14.4

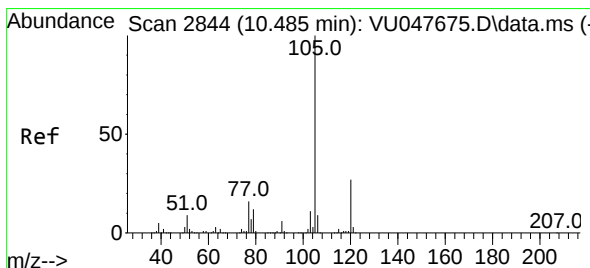
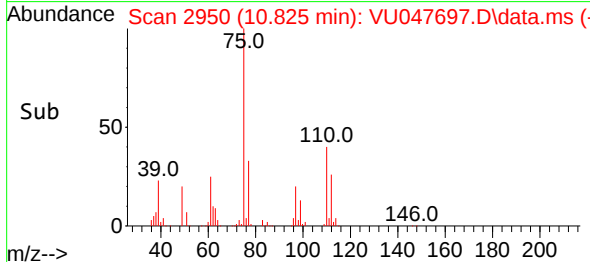
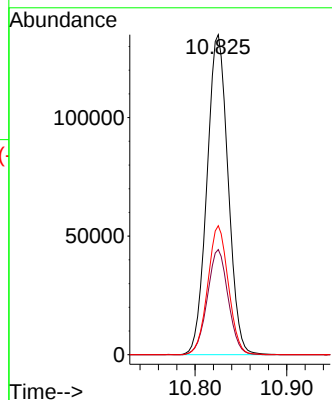
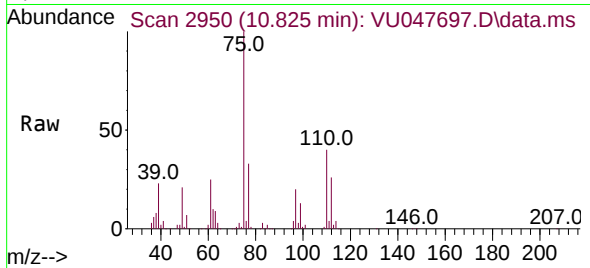




#60
1,2,3-Trichloropropane
Concen: 52.942 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

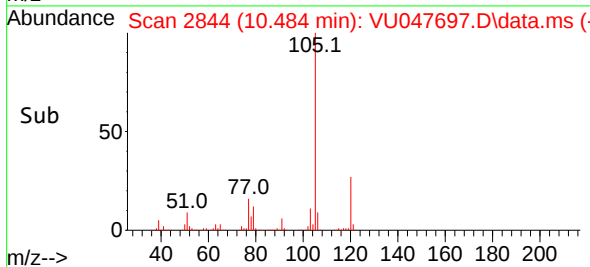
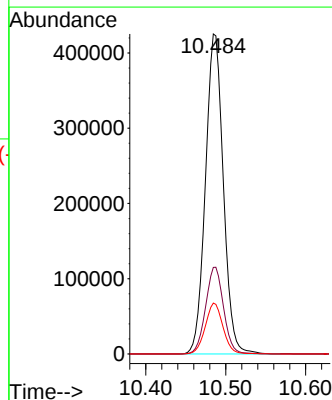
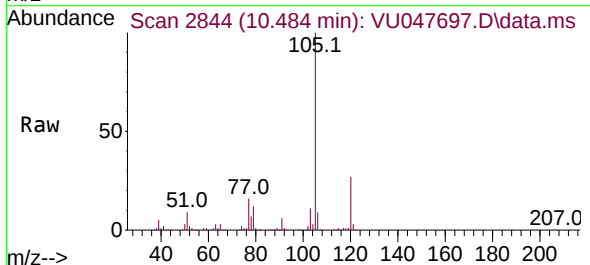
Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

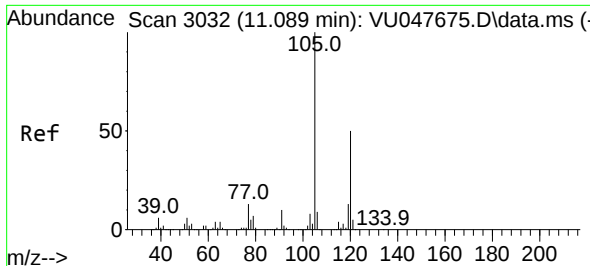
Tgt Ion: 75 Resp: 216137
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0
110 39.4 31.4 47.2



#61
Isopropylbenzene
Concen: 56.653 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion:105 Resp: 663062
Ion Ratio Lower Upper
105 100
120 27.2 21.9 32.9
77 15.8 12.1 18.1

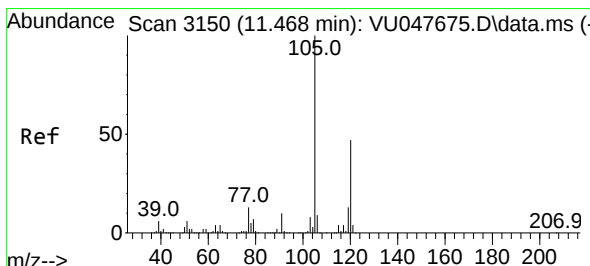
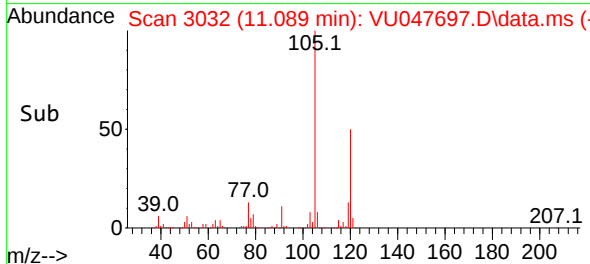
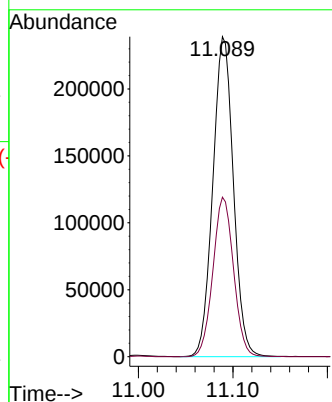
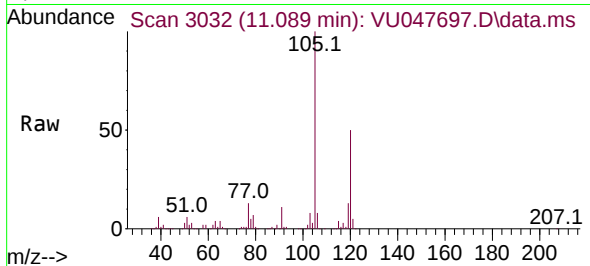




#62
 1,3,5-Trimethylbenzene
 Concen: 56.856 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU047697.D
 Acq: 26 Mar 2022 10:24

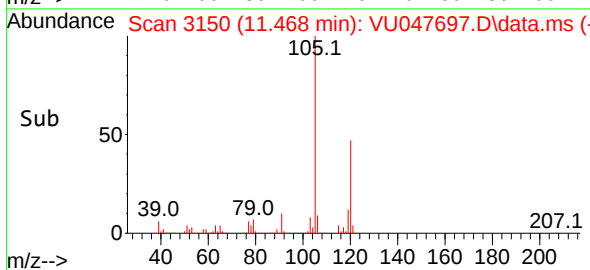
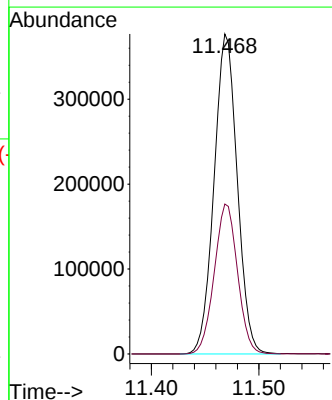
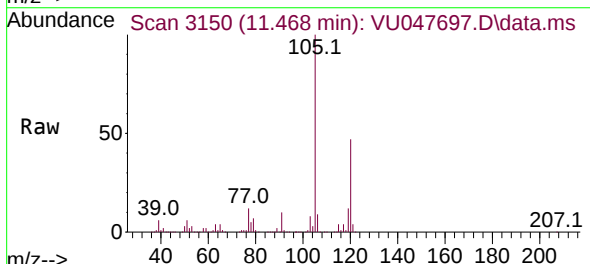
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050179

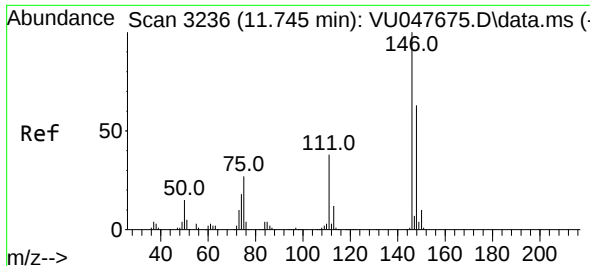
Tgt Ion:105 Resp: 361054
 Ion Ratio Lower Upper
 105 100
 120 50.0 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 58.489 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU047697.D
 Acq: 26 Mar 2022 10:24

Tgt Ion:105 Resp: 564185
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.6 56.4

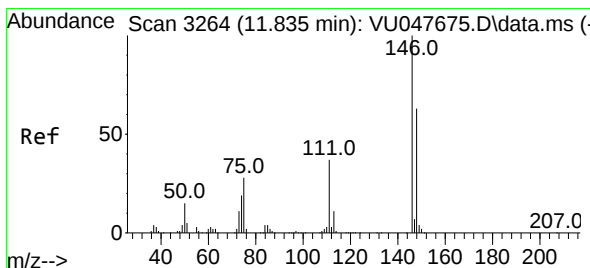
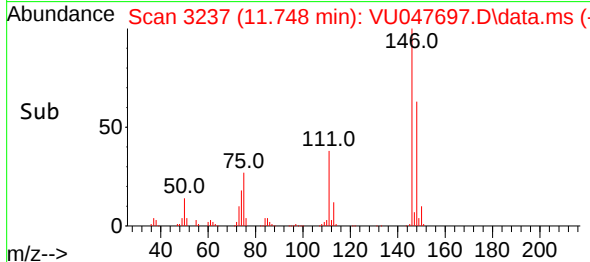
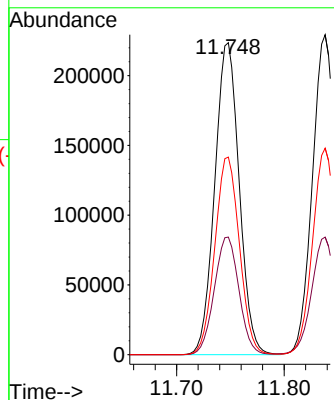
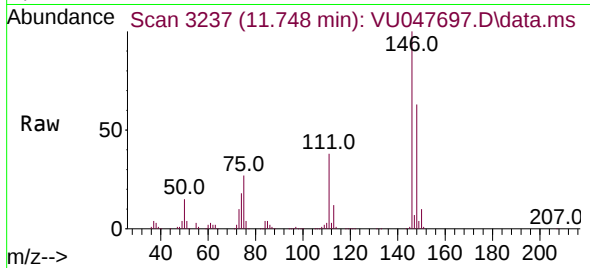




#64
1,3-Dichlorobenzene
Concen: 54.322 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

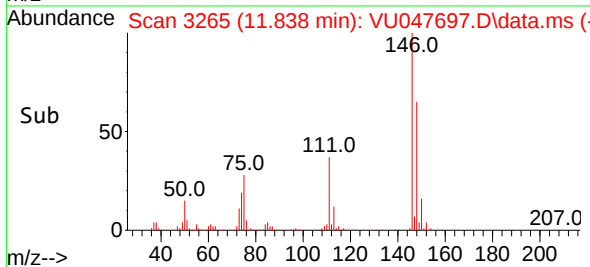
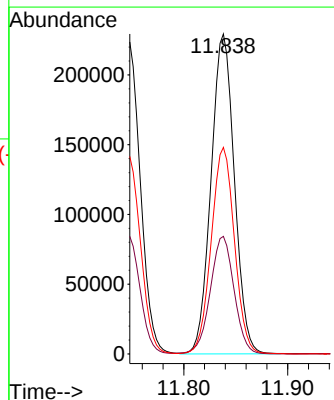
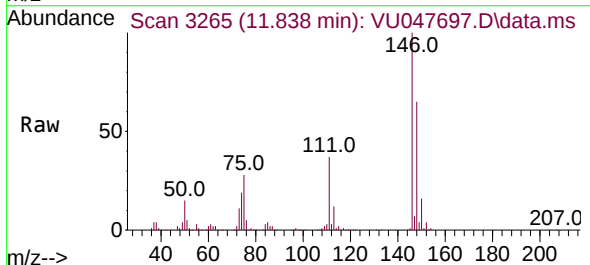
Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

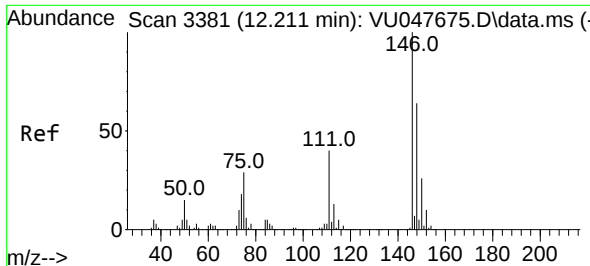
Tgt Ion:146 Resp: 353384
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.7
148 63.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 53.126 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion:146 Resp: 357970
Ion Ratio Lower Upper
146 100
111 36.8 25.3 47.1
148 64.6 44.5 82.7

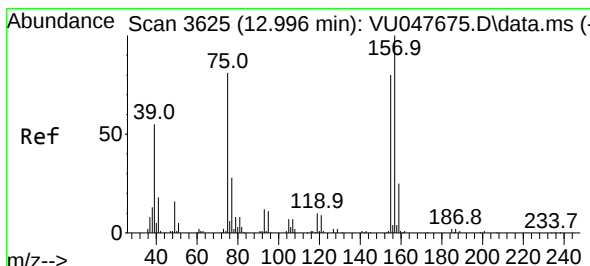
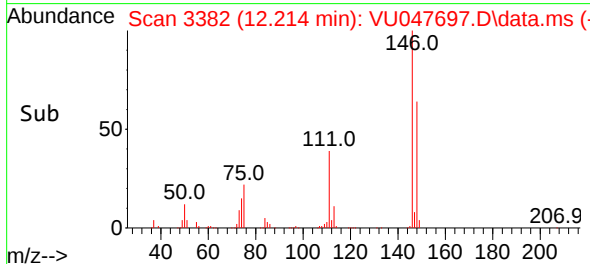
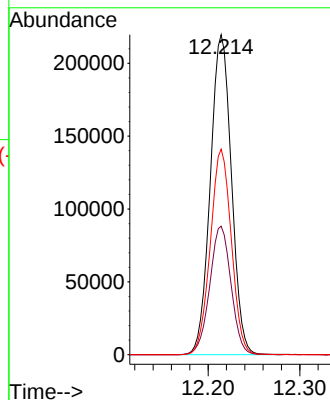
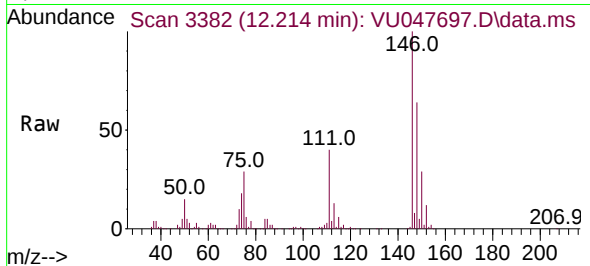




#67
1,2-Dichlorobenzene
Concen: 53.998 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

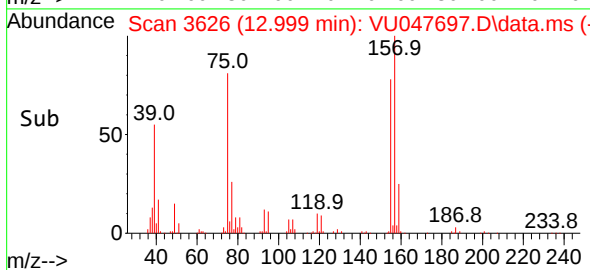
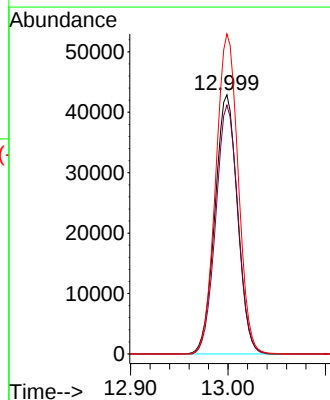
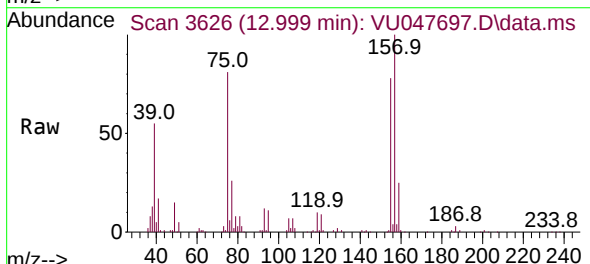
Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

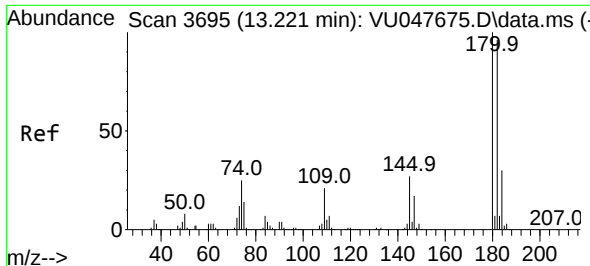
Tgt Ion:146 Resp: 351485
Ion Ratio Lower Upper
146 100
111 40.2 31.7 47.5
148 64.2 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 52.755 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion: 75 Resp: 68989
Ion Ratio Lower Upper
75 100
155 96.0 78.9 118.3
157 123.5 97.5 146.3



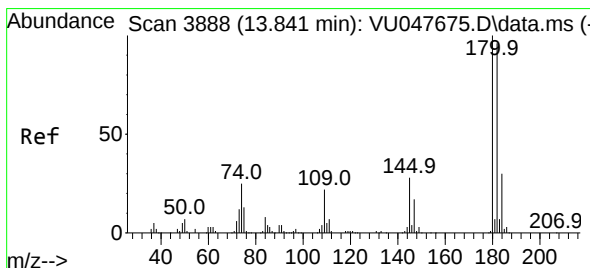
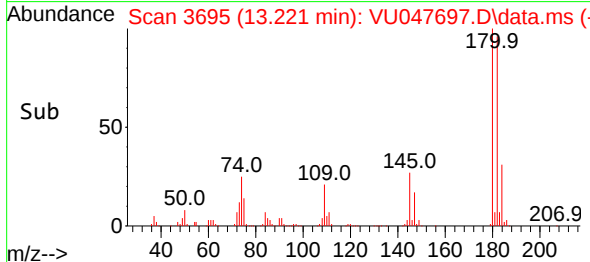
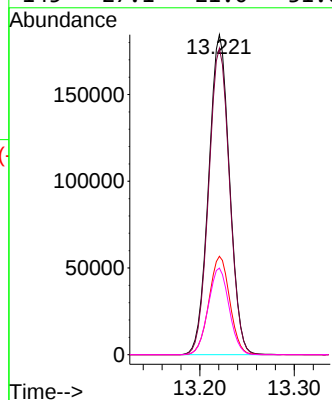
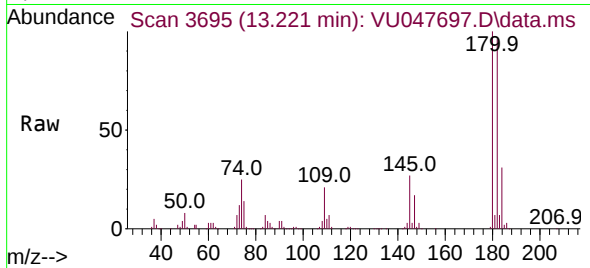


#69
1,3,5-Trichlorobenzene
Concen: 53.575 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

Tgt Ion:180 Resp: 283051

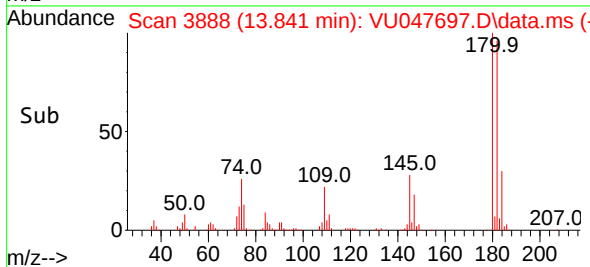
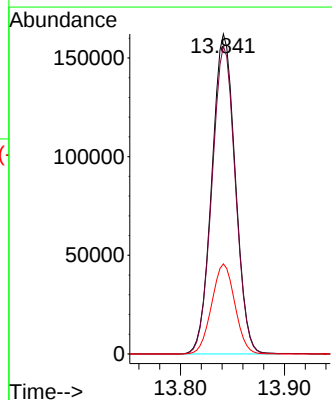
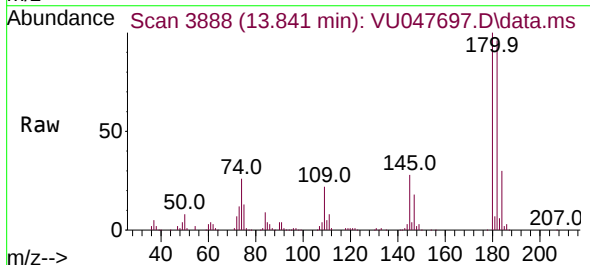
Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.0	115.6
184	30.7	24.5	36.7
145	27.1	21.0	31.6

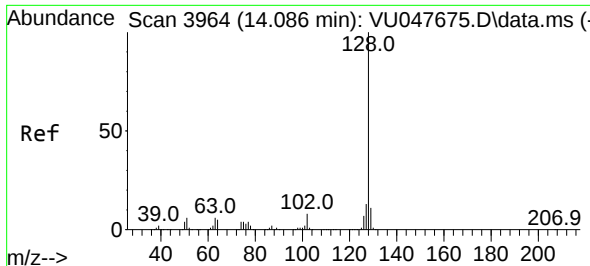


#70
1,2,4-trichlorobenzene
Concen: 54.970 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion:180 Resp: 254379

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.2
145	27.8	21.8	32.8

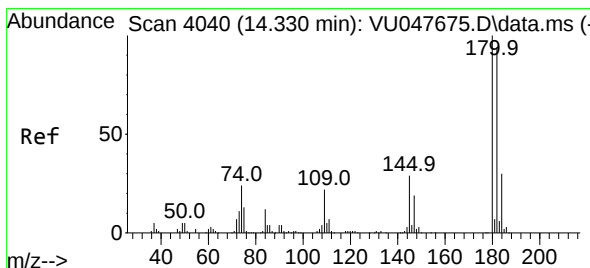
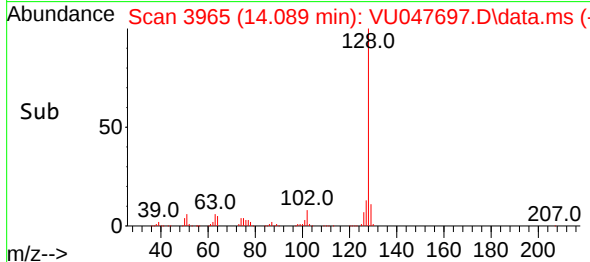
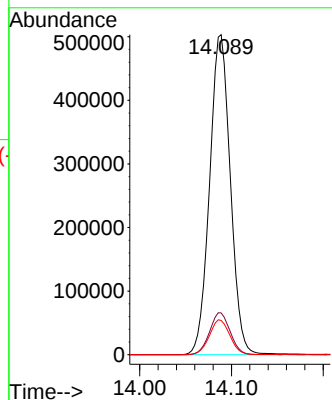
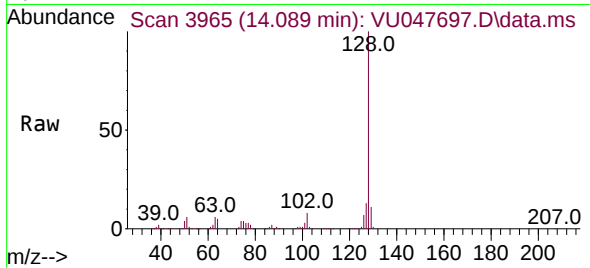




#71
Naphthalene
Concen: 57.326 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD050179

Tgt Ion:128 Resp: 790909
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 55.304 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047697.D
Acq: 26 Mar 2022 10:24

Tgt Ion:180 Resp: 256559
Ion Ratio Lower Upper
180 100
182 96.5 77.4 116.0
145 29.6 22.8 34.2

