

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040922\
 Data File : U047893.D
 Acq On : 09 Apr 2022 01:29
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050190

Quant Time: Apr 09 02:10:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	320794	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	330807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	194793	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	116367	50.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.040%	
7) Chloroethane-d5	1.916	69	97408	53.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 106.200%	
11) 1,1-Dichloroethene-d2	2.571	63	205105	48.190	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 96.380%	
21) 2-Butanone-d5	4.620	46	194716	97.519	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 97.520%	
24) Chloroform-d	5.067	84	223572	52.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.040%	
26) 1,2-Dichloroethane-d4	5.703	65	137062	52.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.000%	
32) Benzene-d6	5.729	84	444105	53.352	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.700%	
36) 1,2-Dichloropropane-d6	6.690	67	140510	54.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.920%	
41) Toluene-d8	7.899	98	417183	51.440	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.880%	
43) trans-1,3-Dichloroprop...	8.179	79	61731	47.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 95.320%	
47) 2-Hexanone-d5	8.632	63	148493	99.226	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 99.230%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	220472	50.253	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 100.500%	
66) 1,2-Dichlorobenzene-d4	12.195	152	173487	50.060	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	140042	47.088	ug/L	99
3) Chloromethane	1.523	50	139695	49.115	ug/L	100
5) Vinyl chloride	1.607	62	152041	52.414	ug/L	98
6) Bromomethane	1.858	94	62391	39.961	ug/L	99
8) Chloroethane	1.935	64	92861	50.995	ug/L	99
9) Trichlorofluoromethane	2.141	101	200170	48.935	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	114725	48.521	ug/L	97
12) 1,1-Dichloroethene	2.581	96	110175	50.068	ug/L	93
13) Acetone	2.623	43	135532	72.941	ug/L	98
14) Carbon disulfide	2.797	76	313733	45.105	ug/L	100
15) Methyl Acetate	2.948	43	147668	49.838	ug/L	97
16) Methylene chloride	3.051	84	137959	54.635	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	117221	49.388	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	358489	53.537	ug/L	100
19) 1,1-Dichloroethane	3.870	63	221840	54.194	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	136352	52.402	ug/L	97
22) 2-Butanone	4.700	43	209207	87.404	ug/L	96
23) Bromochloromethane	4.977	128	75726	53.005	ug/L	100
25) Chloroform	5.089	83	237397	53.867	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047893.D
 Acq On : 09 Apr 2022 01:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

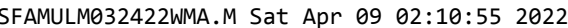
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050190

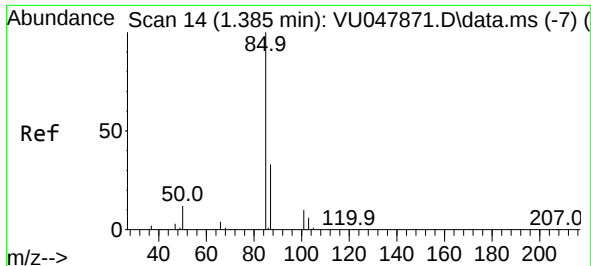
Quant Time: Apr 09 02:10:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	179830	52.816	ug/L	99
29) Cyclohexane	5.391	56	172343	51.342	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	196960	52.509	ug/L	99
31) Carbon tetrachloride	5.526	117	167641	49.493	ug/L	100
33) Benzene	5.777	78	550140	57.454	ug/L	100
34) Trichloroethene	6.542	95	130890	52.140	ug/L	99
35) Methylcyclohexane	6.764	83	182338	47.744	ug/L	98
37) 1,2-Dichloropropane	6.793	63	134895	55.417	ug/L	100
38) Bromodichloromethane	7.105	83	176860	52.910	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	192238	50.898	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	389196	101.163	ug/L	98
42) Toluene	7.970	91	563206	53.606	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	188594	50.010	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	139725	54.123	ug/L	99
46) Tetrachloroethene	8.555	164	110722	49.081	ug/L	99
48) 2-Hexanone	8.684	43	321887	97.267	ug/L	97
49) Dibromochloromethane	8.809	129	151434	50.645	ug/L	100
50) 1,2-Dibromoethane	8.925	107	150905	52.141	ug/L	99
51) Chlorobenzene	9.446	112	434970	60.974	ug/L	98
52) Ethylbenzene	9.571	91	577237	52.252	ug/L	98
53) m,p-Xylene	9.693	106	226550	52.265	ug/L	99
54) o-Xylene	10.102	106	226099	53.146	ug/L	98
55) Styrene	10.115	104	385599	53.087	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	247303	51.097	ug/L	99
59) Bromoform	10.291	173	126491	50.782	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	192724	52.482	ug/L	98
61) Isopropylbenzene	10.484	105	566050	53.768	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	294570	51.570	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	461634	53.206	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	301749	51.568	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	351557	58.004	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	340975	58.237	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	55309	47.020	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	229839	48.364	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	218468	52.485	ug/L	99
71) Naphthalene	14.089	128	612290	49.338	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	218160	52.281	ug/L	99

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

Quant Time: Apr 09 02:10:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 09 01:58:44 2022
Response via : Initial Calibration

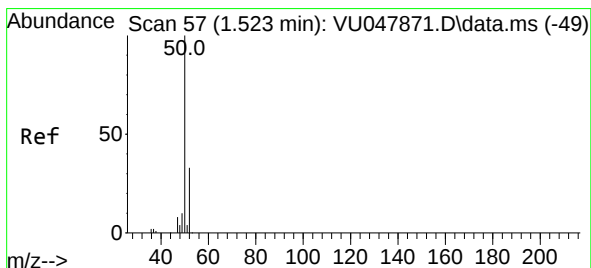
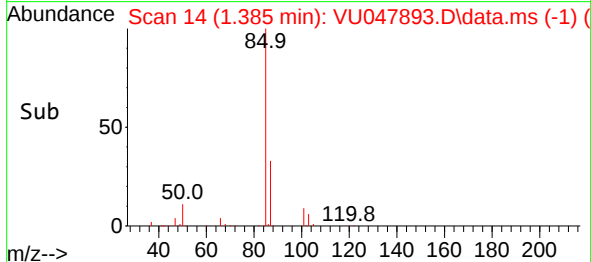
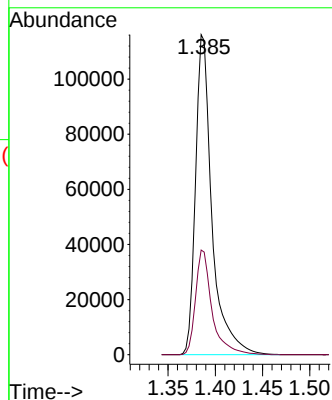
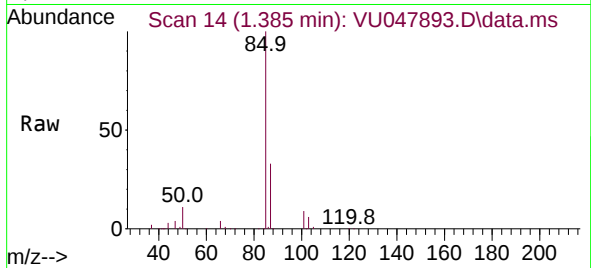




#2
Dichlorodifluoromethane
Concen: 47.088 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

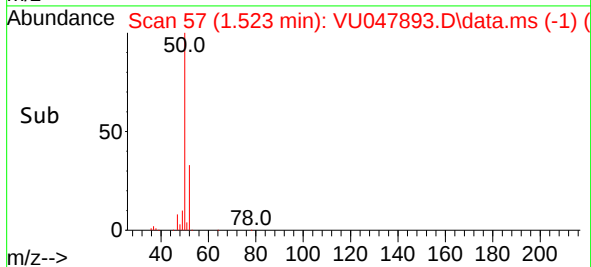
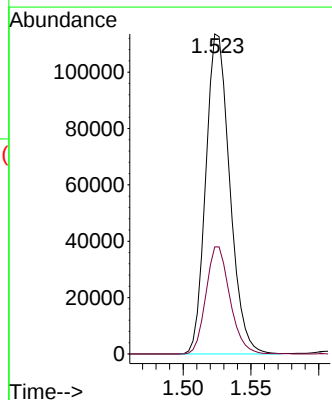
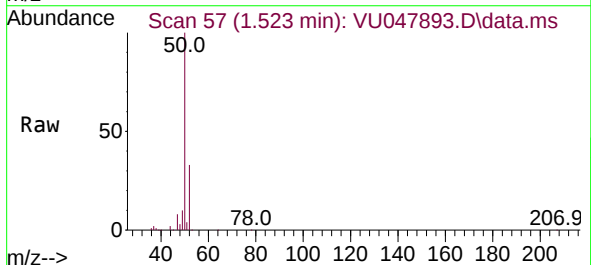
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

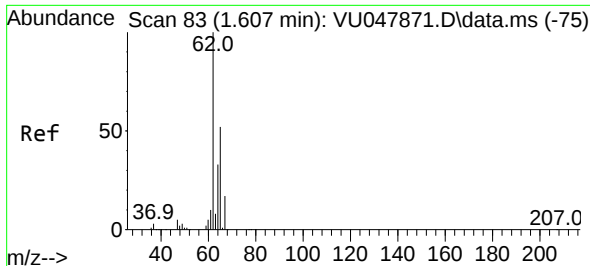
Tgt Ion: 85 Resp: 140042
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.8



#3
Chloromethane
Concen: 49.115 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion: 50 Resp: 139695
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.2

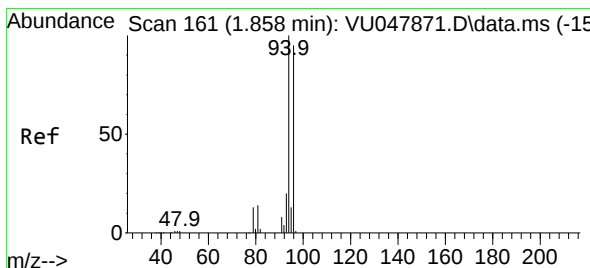
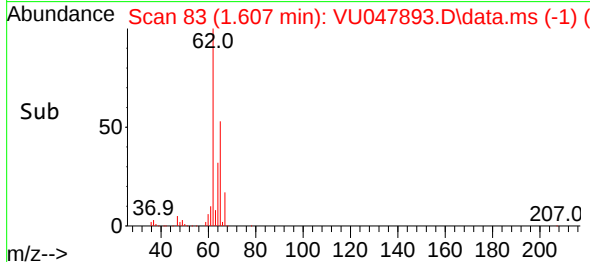
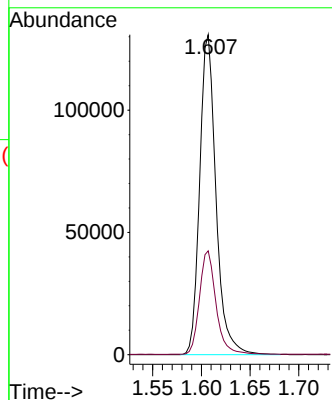
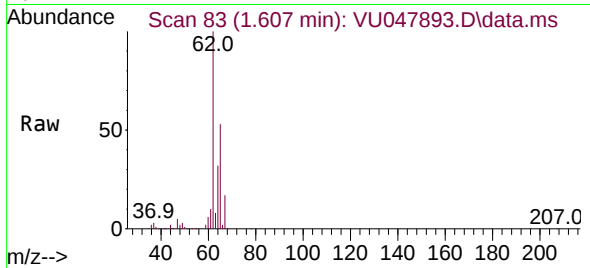




#5
 Vinyl chloride
 Concen: 52.414 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047893.D
 Acq: 09 Apr 2022 01:29

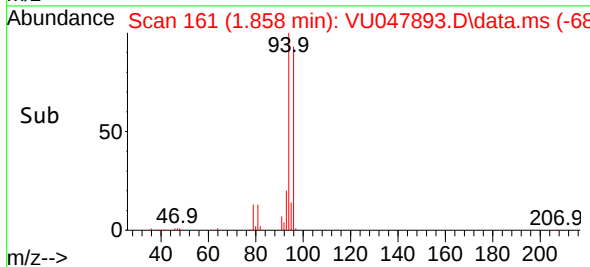
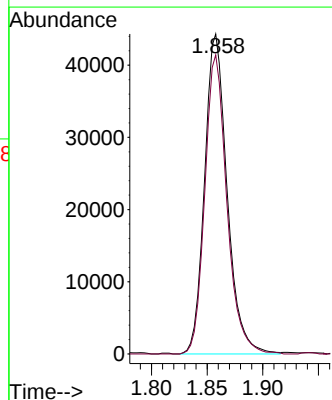
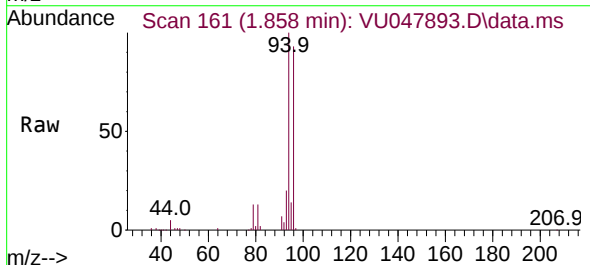
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050190

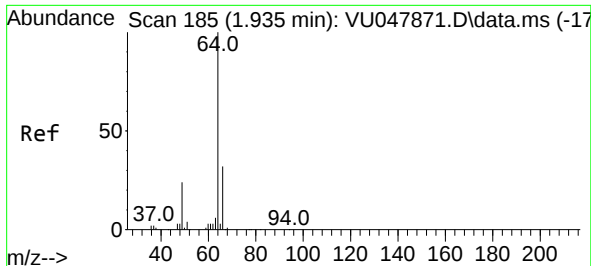
Tgt Ion: 62 Resp: 152041
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.7 43.9



#6
 Bromomethane
 Concen: 39.961 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU047893.D
 Acq: 09 Apr 2022 01:29

Tgt Ion: 94 Resp: 62391
 Ion Ratio Lower Upper
 94 100
 96 93.5 64.8 120.3

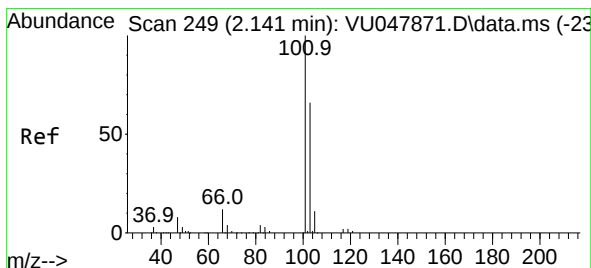
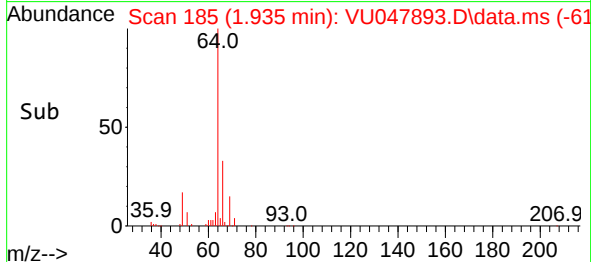
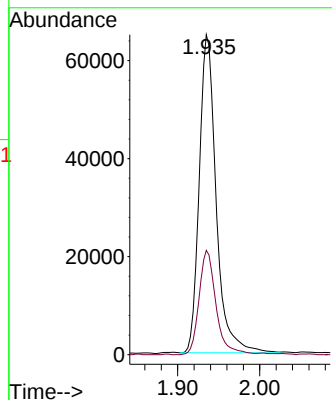
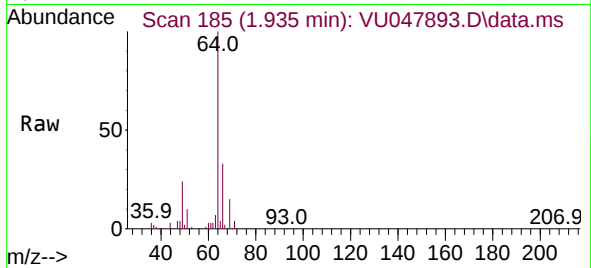




#8
Chloroethane
Concen: 50.995 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

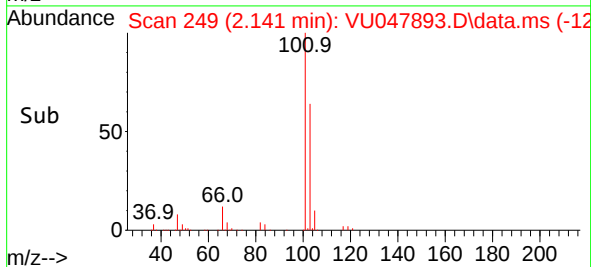
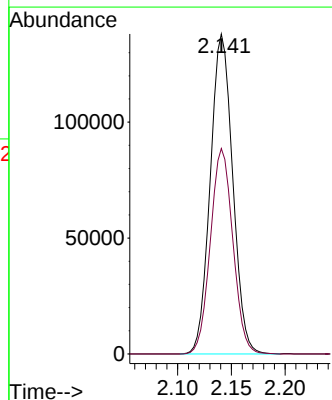
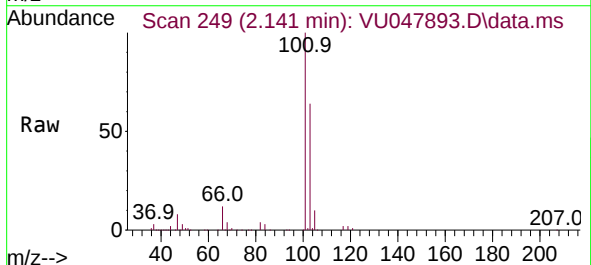
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

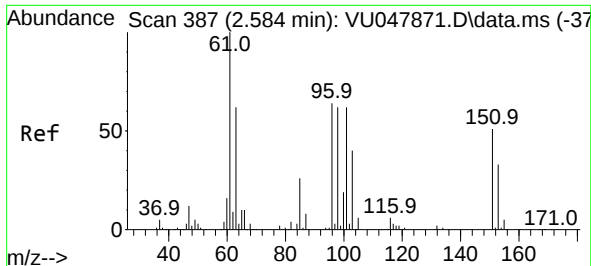
Tgt Ion: 64 Resp: 92861
Ion Ratio Lower Upper
64 100
66 32.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 48.935 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion: 101 Resp: 200170
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 48.521 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050190

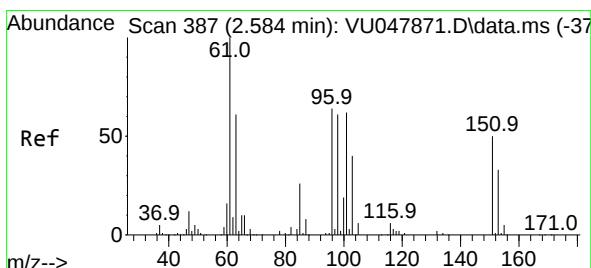
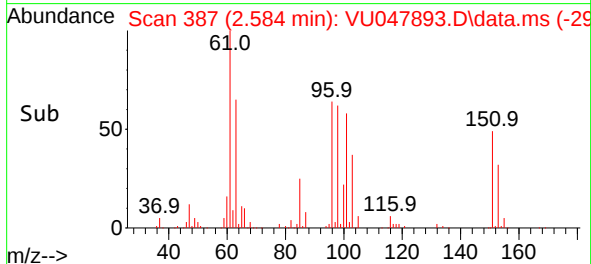
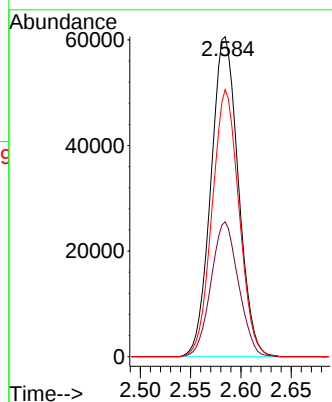
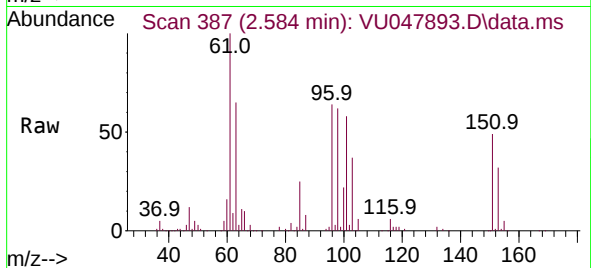
Tgt Ion:101 Resp: 114725

Ion Ratio Lower Upper

101 100

85 42.3 32.8 49.2

151 82.0 63.0 94.6



#12

1,1-Dichloroethene

Concen: 50.068 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

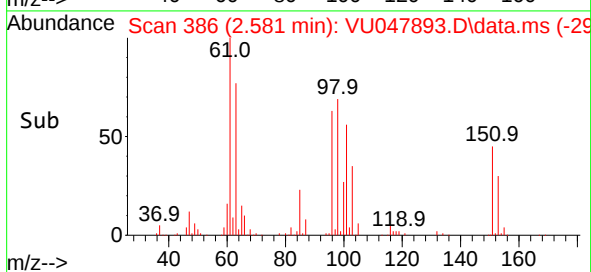
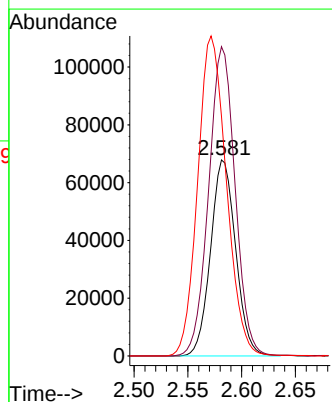
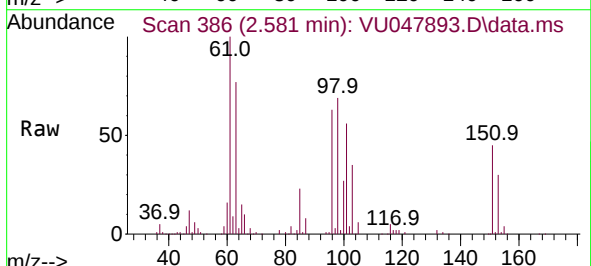
Tgt Ion: 96 Resp: 110175

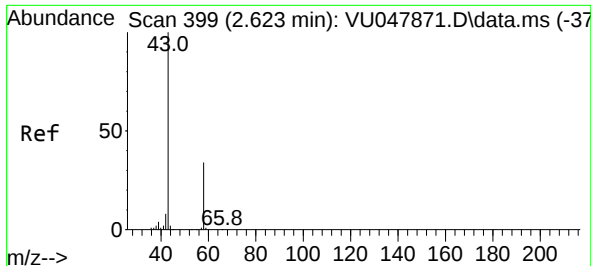
Ion Ratio Lower Upper

96 100

61 157.8 113.1 210.1

63 122.3 94.8 176.0





#13

Acetone

Concen: 72.941 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

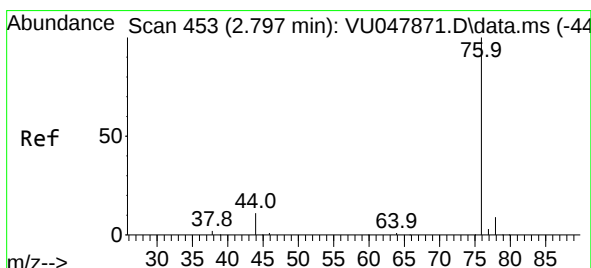
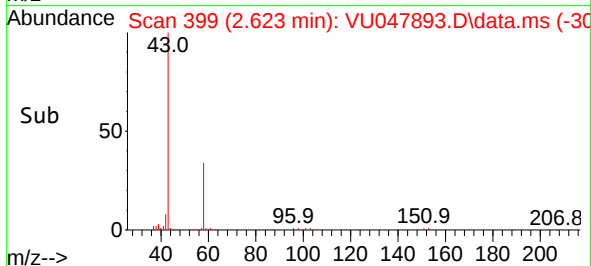
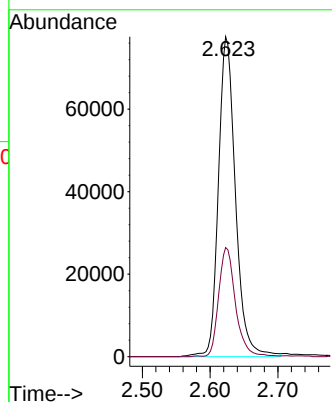
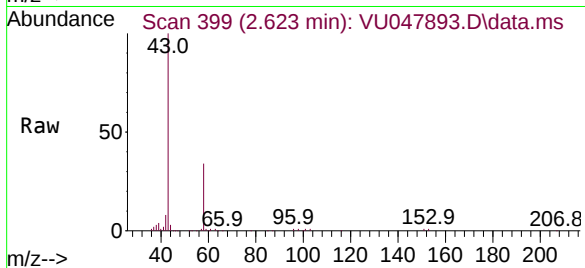
VSTD050190

Tgt Ion: 43 Resp: 135532

Ion Ratio Lower Upper

43 100

58 33.7 0.0 70.0



#14

Carbon disulfide

Concen: 45.105 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU047893.D

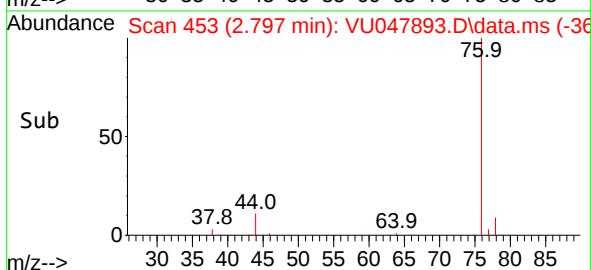
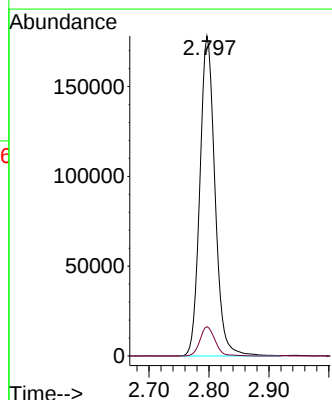
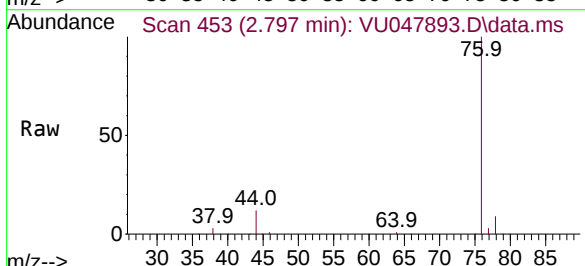
Acq: 09 Apr 2022 01:29

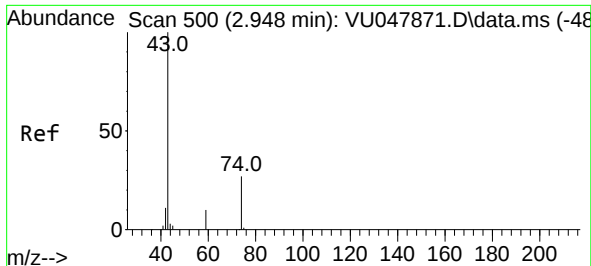
Tgt Ion: 76 Resp: 313733

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

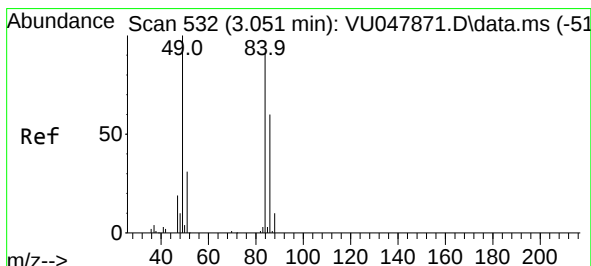
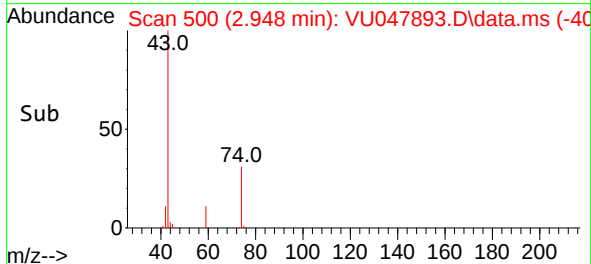
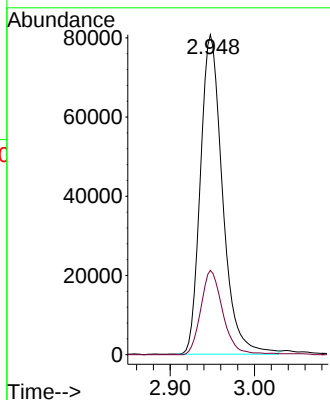
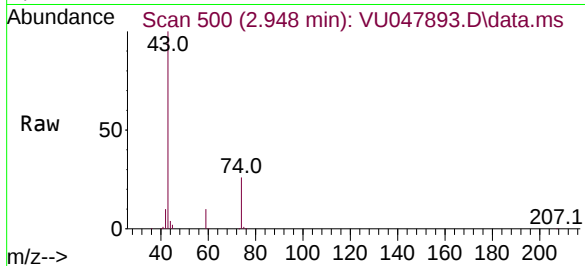




#15
Methyl Acetate
Concen: 49.838 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

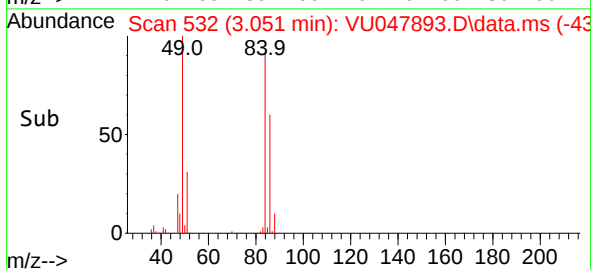
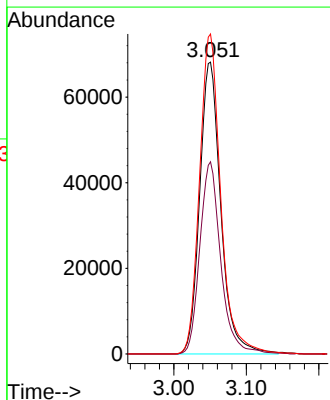
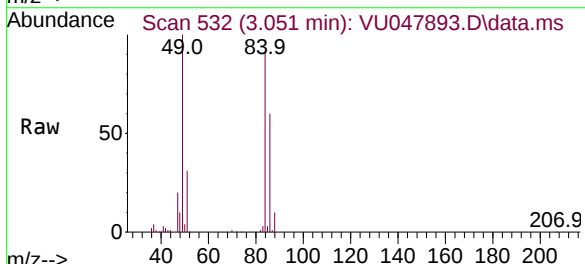
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

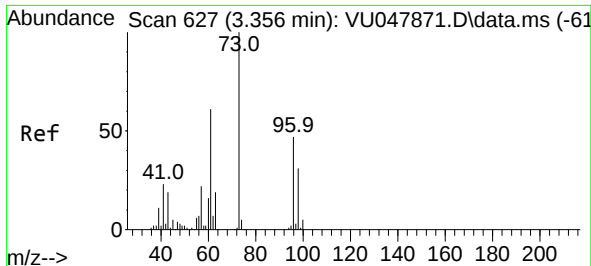
Tgt Ion: 43 Resp: 147668
Ion Ratio Lower Upper
43 100
74 25.9 22.2 33.2



#16
Methylene chloride
Concen: 54.635 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion: 84 Resp: 137959
Ion Ratio Lower Upper
84 100
86 65.9 46.0 85.4
49 109.7 75.3 139.8

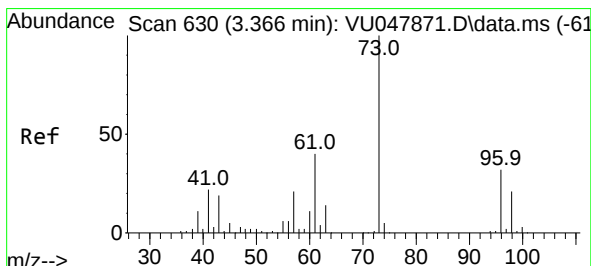
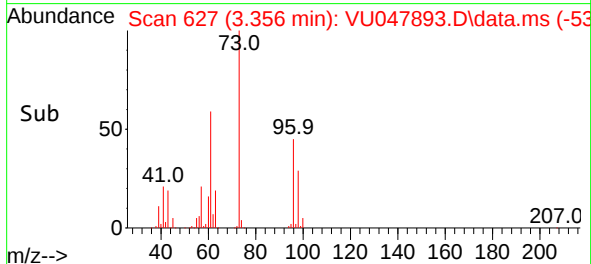
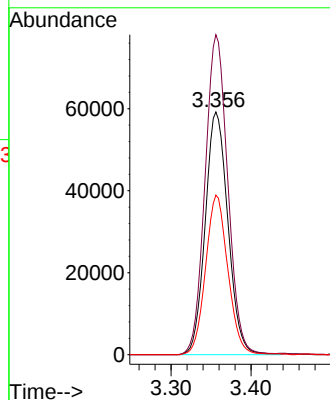
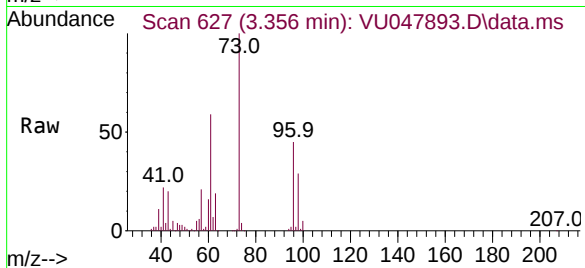




#17
trans-1,2-Dichloroethene
Concen: 49.388 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

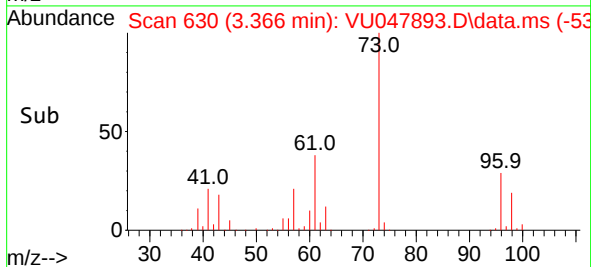
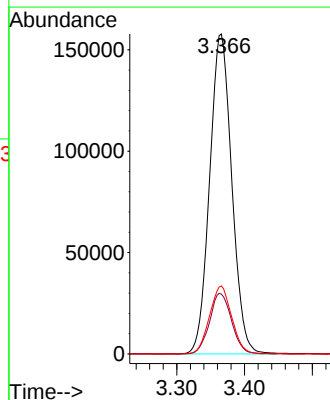
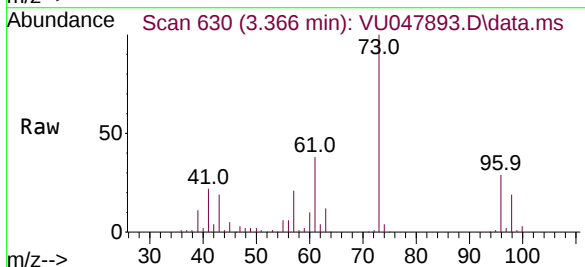
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

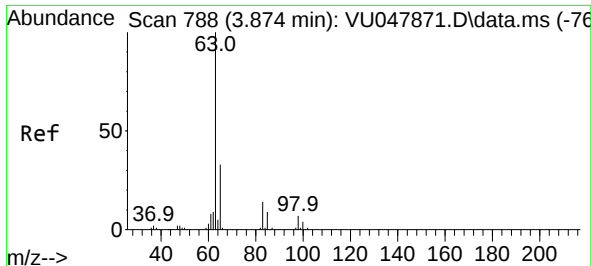
Tgt Ion: 96 Resp: 117221
Ion Ratio Lower Upper
96 100
61 131.8 88.4 164.2
98 65.7 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 53.537 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion: 73 Resp: 358489
Ion Ratio Lower Upper
73 100
43 18.9 15.3 22.9
57 21.2 17.0 25.6





#19

1,1-Dichloroethane

Concen: 54.194 ug/L

RT: 3.870 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050190

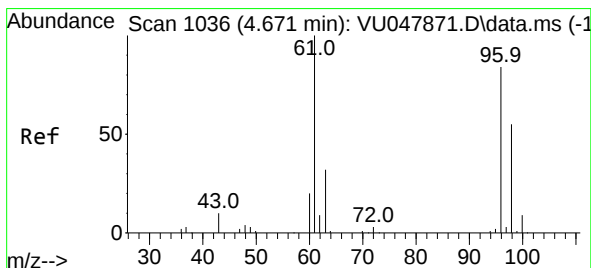
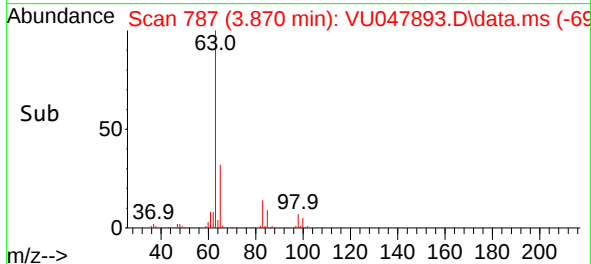
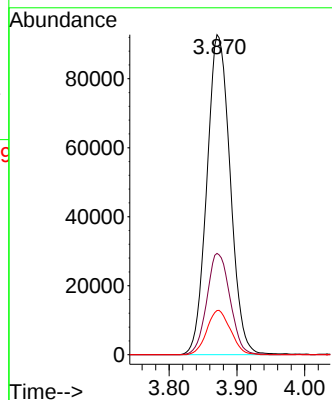
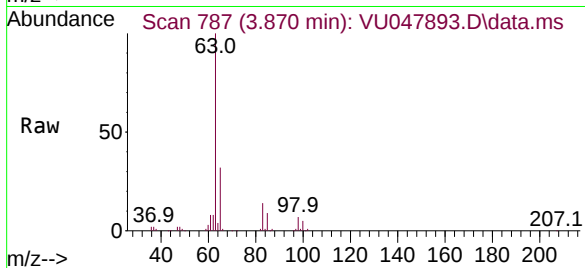
Tgt Ion: 63 Resp: 221840

Ion Ratio Lower Upper

63 100

65 31.7 22.0 41.0

83 13.8 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 52.402 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

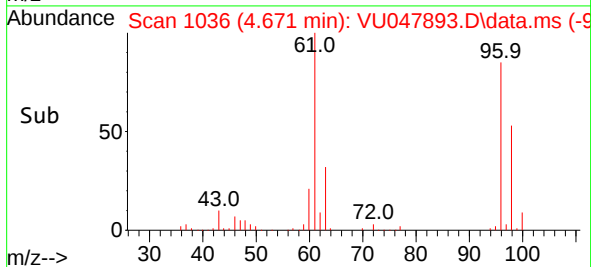
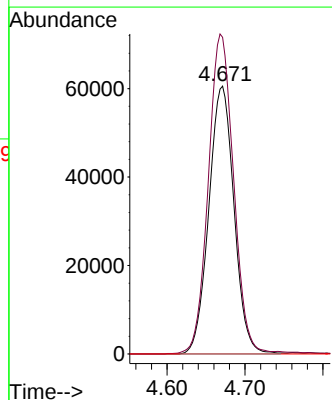
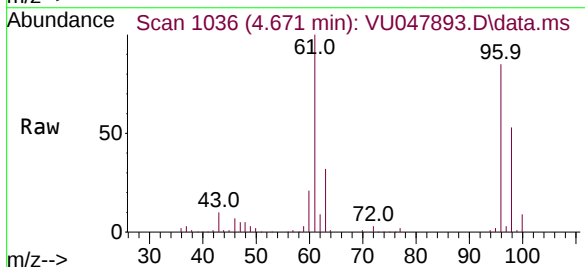
Tgt Ion: 96 Resp: 136352

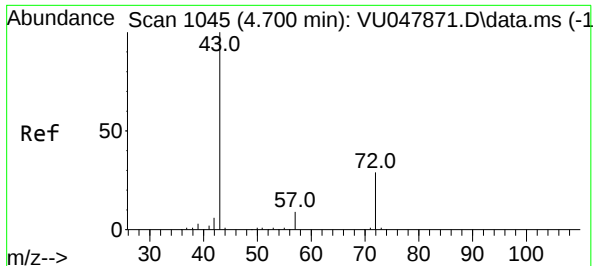
Ion Ratio Lower Upper

96 100

61 118.3 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 87.404 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

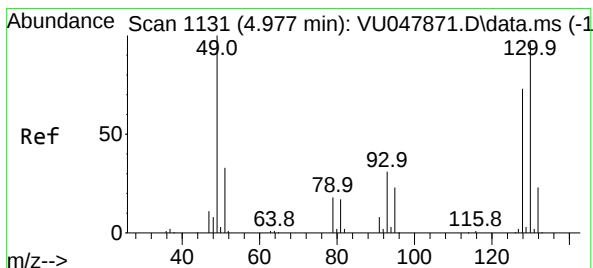
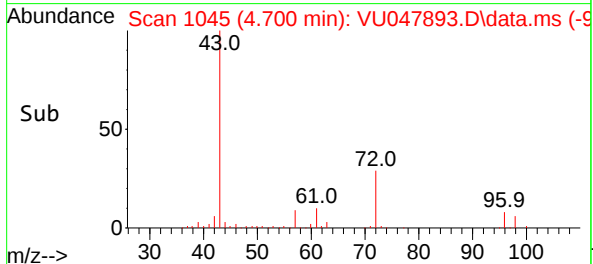
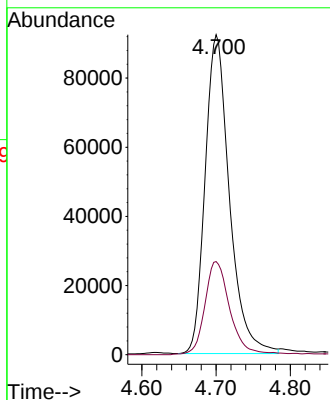
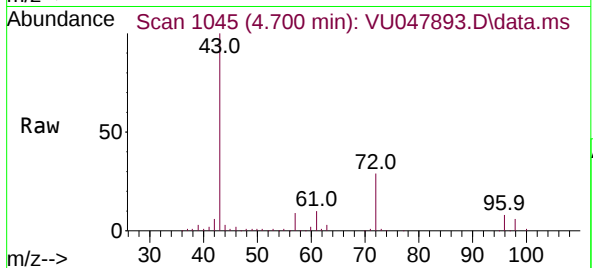
VSTD050190

Tgt Ion: 43 Resp: 209207

Ion Ratio Lower Upper

43 100

72 29.8 16.0 47.9



#23

Bromochloromethane

Concen: 53.005 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

Tgt Ion: 128 Resp: 75726

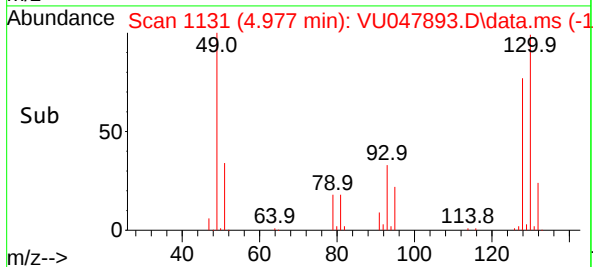
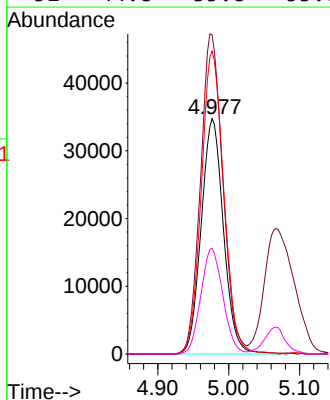
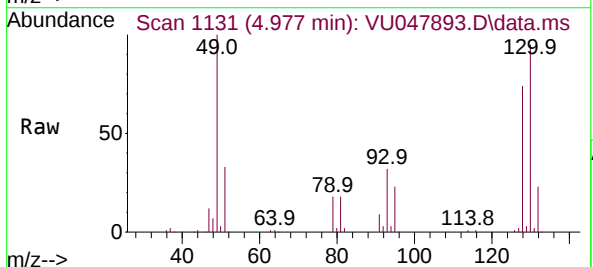
Ion Ratio Lower Upper

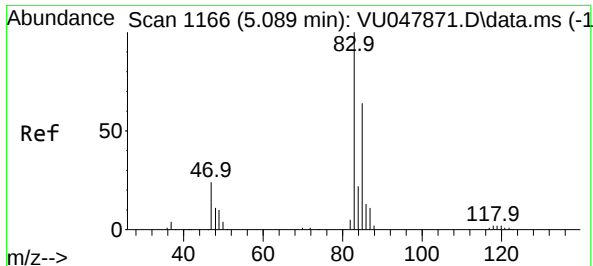
128 100

49 135.6 94.1 174.8

130 128.7 90.2 167.4

51 44.8 35.8 53.6





#25

Chloroform

Concen: 53.867 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

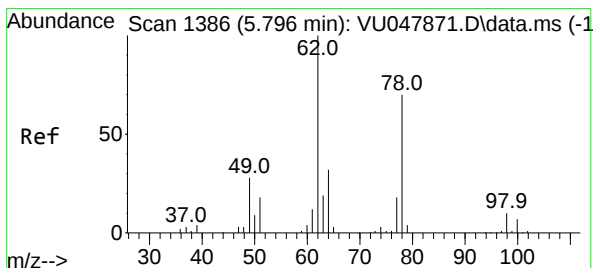
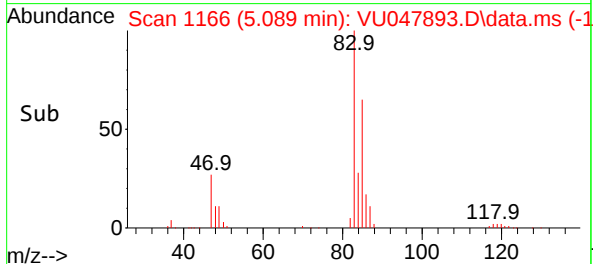
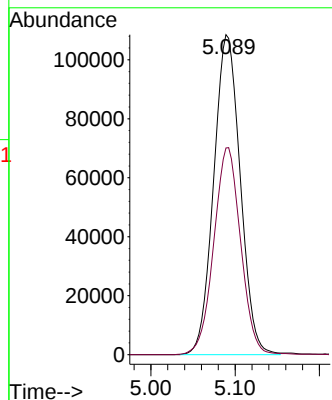
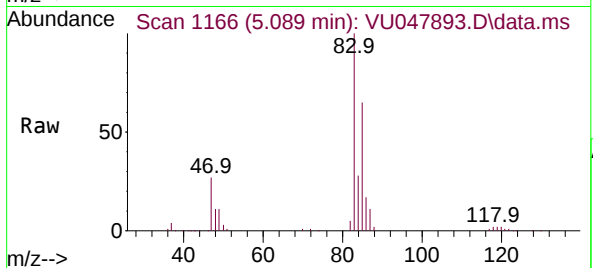
VSTD050190

Tgt Ion: 83 Resp: 237397

Ion Ratio Lower Upper

83 100

85 64.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 52.816 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047893.D

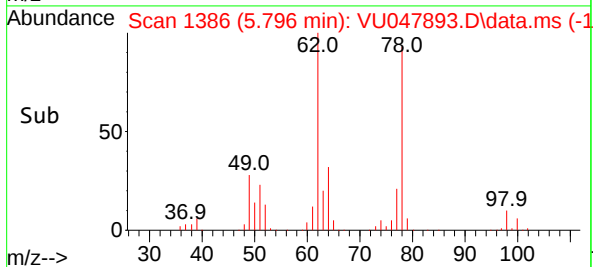
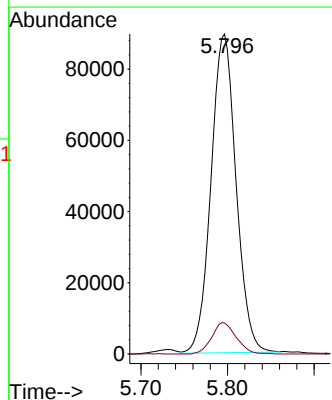
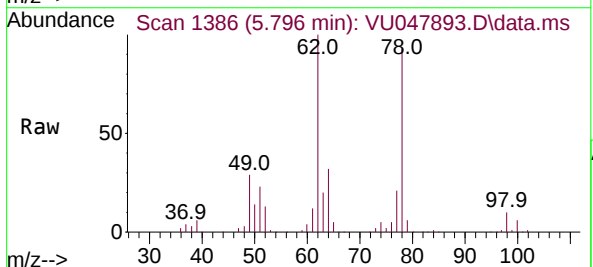
Acq: 09 Apr 2022 01:29

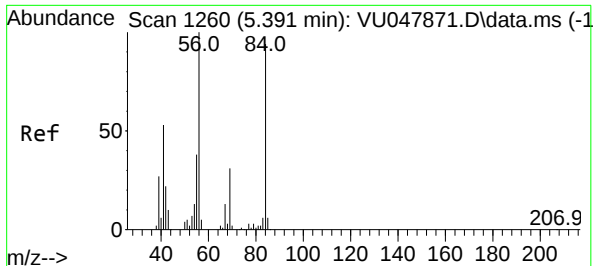
Tgt Ion: 62 Resp: 179830

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.0





#29

Cyclohexane

Concen: 51.342 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050190

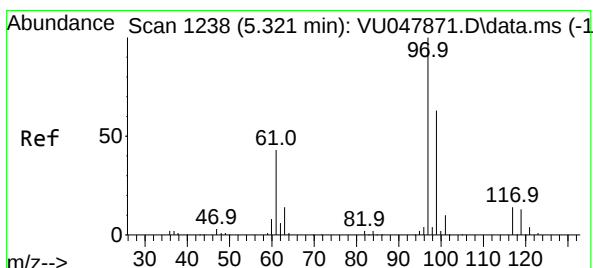
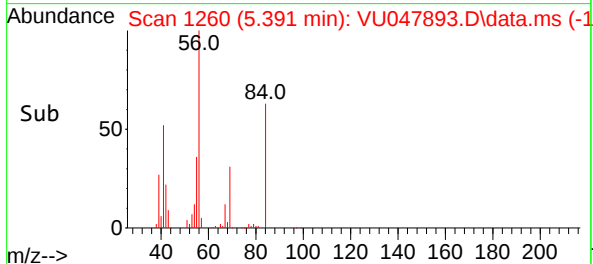
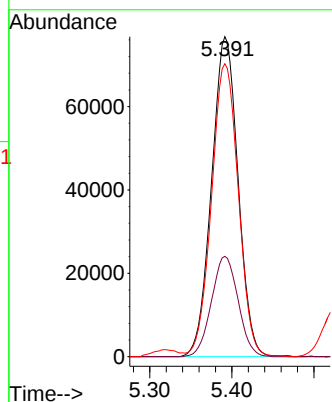
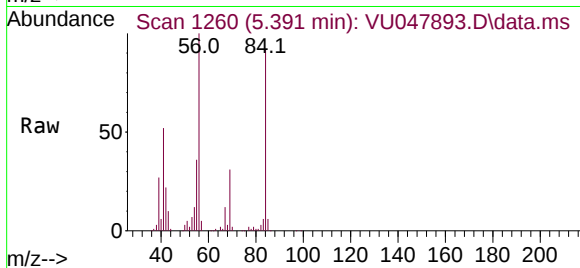
Tgt Ion: 56 Resp: 172343

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

84 91.8 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 52.509 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

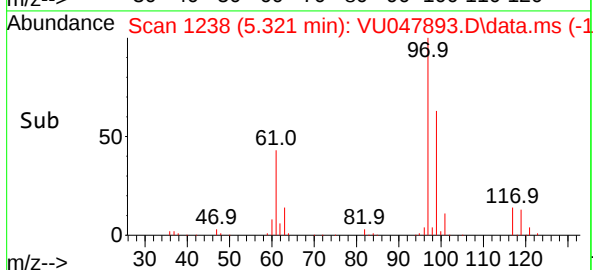
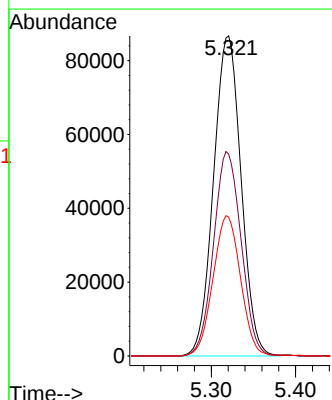
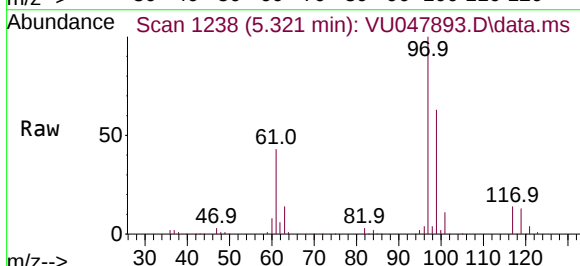
Tgt Ion: 97 Resp: 196960

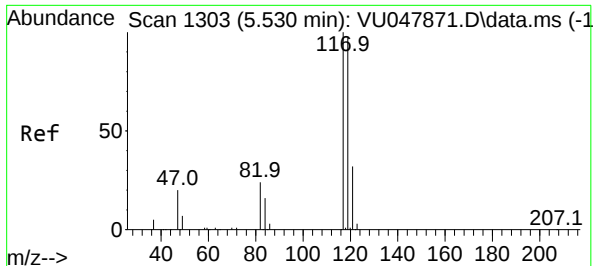
Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 43.7 34.2 51.4

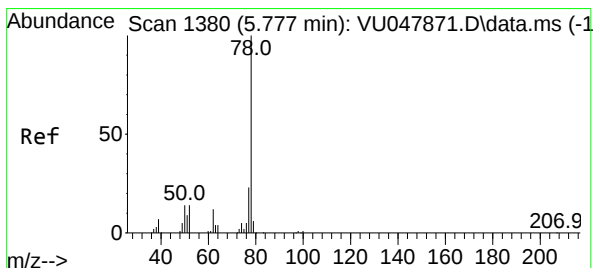
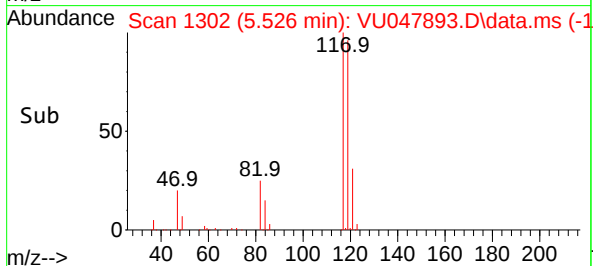
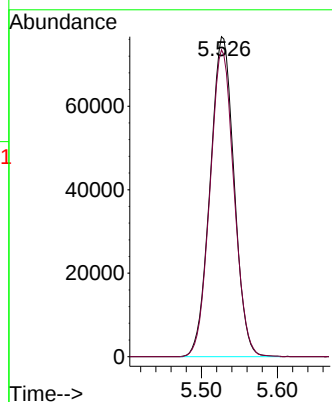
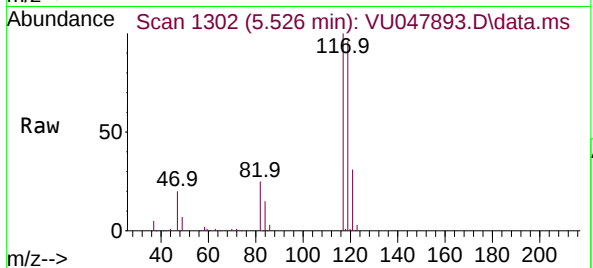




#31
Carbon tetrachloride
Concen: 49.493 ug/L
RT: 5.526 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

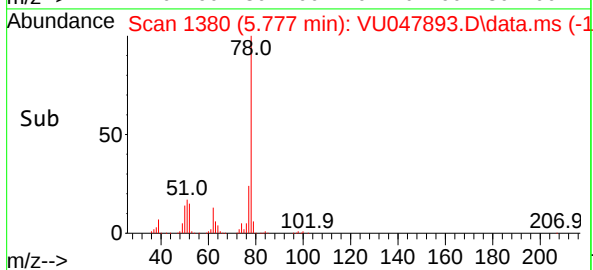
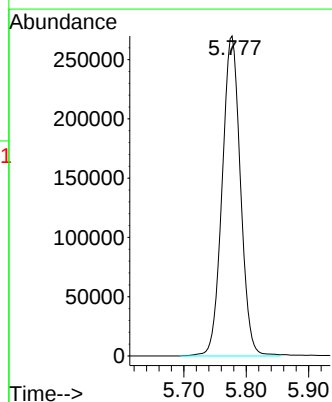
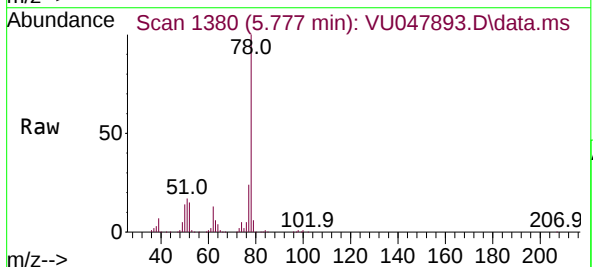
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

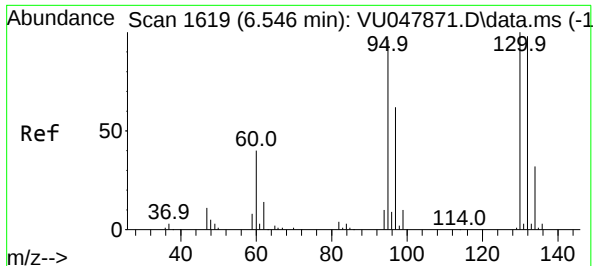
Tgt Ion:117 Resp: 167641
Ion Ratio Lower Upper
117 100
119 96.1 77.2 115.8



#33
Benzene
Concen: 57.454 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion: 78 Resp: 550140

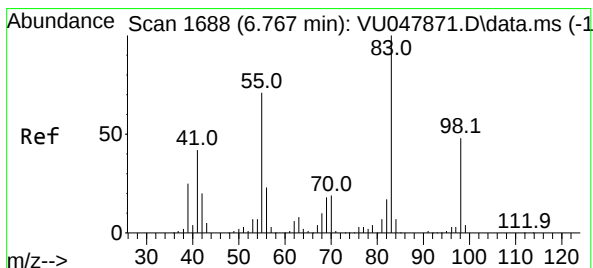
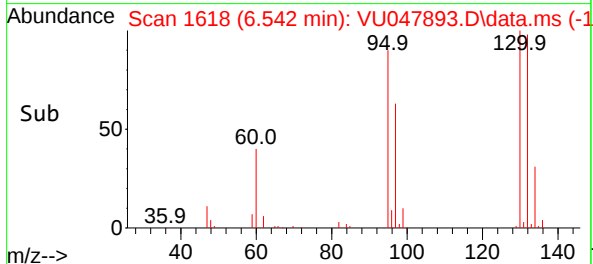
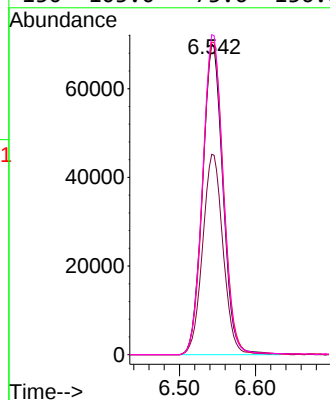
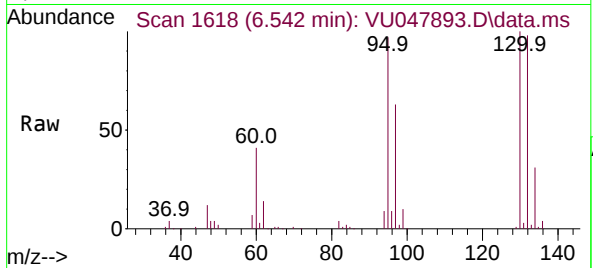




#34
Trichloroethene
Concen: 52.140 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

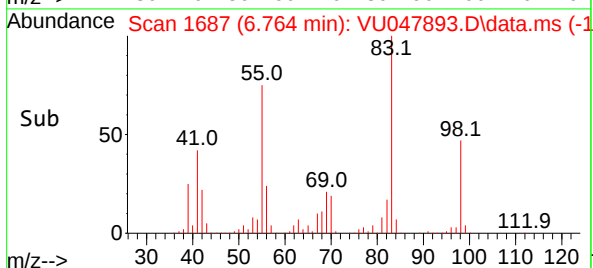
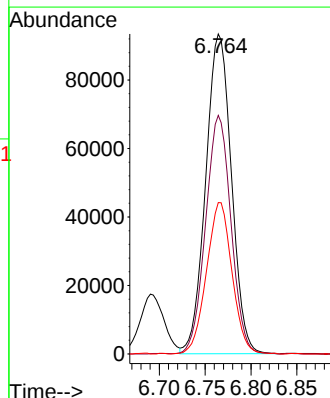
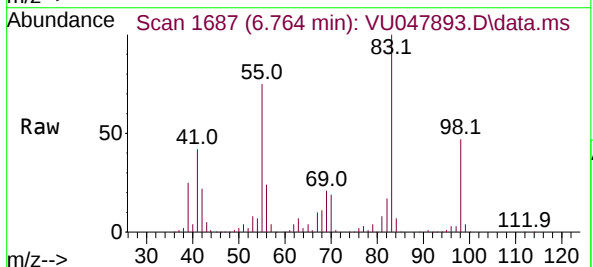
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

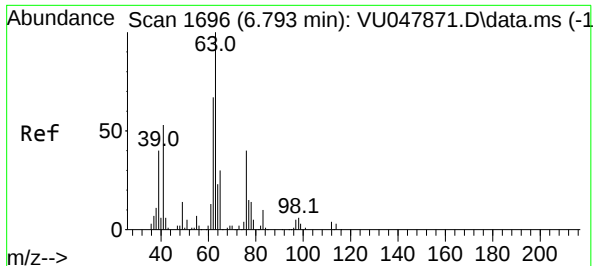
Tgt Ion: 95 Resp: 130890
Ion Ratio Lower Upper
95 100
97 64.5 44.7 82.9
132 100.7 70.4 130.8
130 103.0 73.6 136.8



#35
Methylcyclohexane
Concen: 47.744 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion: 83 Resp: 182338
Ion Ratio Lower Upper
83 100
55 73.6 56.8 85.2
98 47.0 38.1 57.1





#37

1,2-Dichloropropane

Concen: 55.417 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

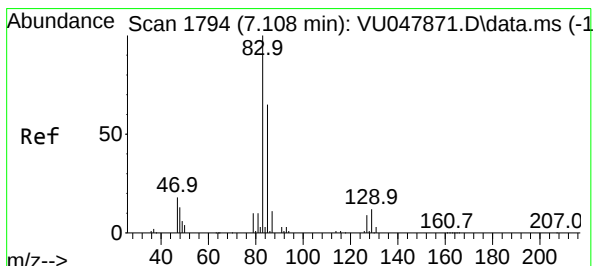
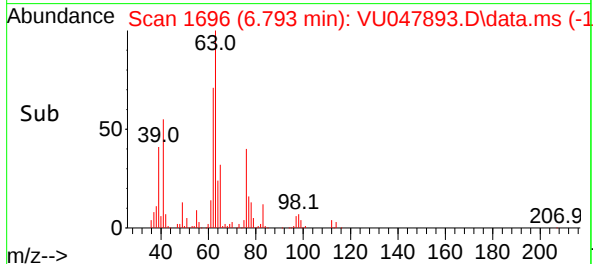
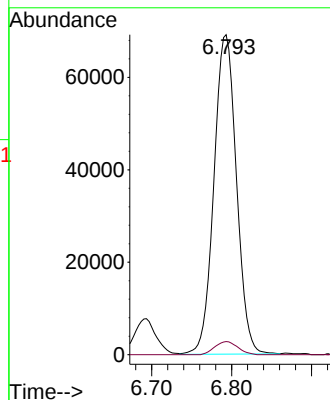
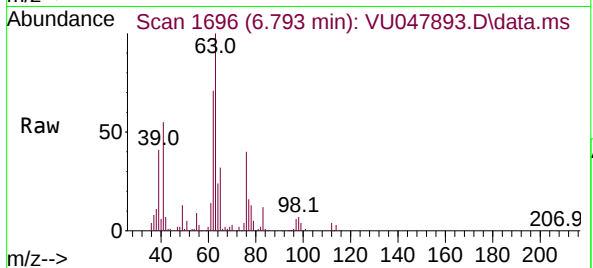
VSTD050190

Tgt Ion: 63 Resp: 134895

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 52.910 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

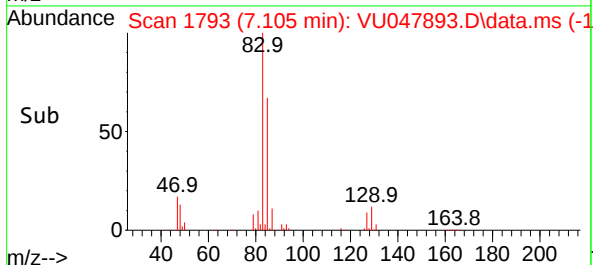
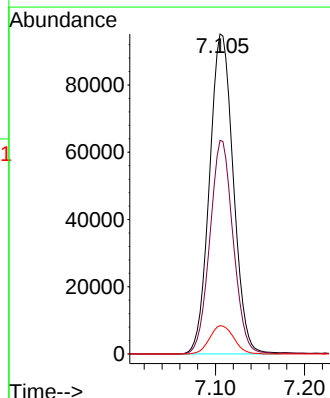
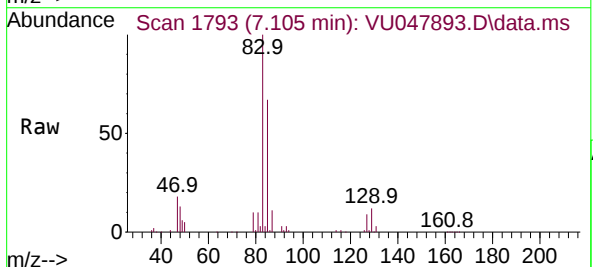
Tgt Ion: 83 Resp: 176860

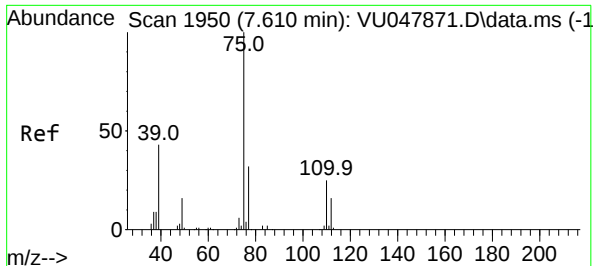
Ion Ratio Lower Upper

83 100

85 66.8 44.4 82.4

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 50.898 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

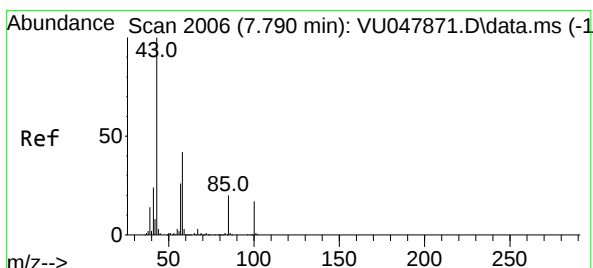
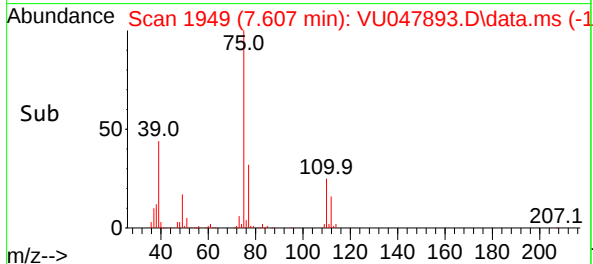
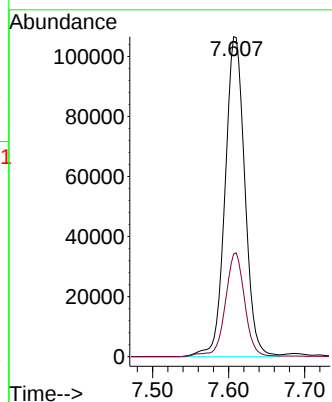
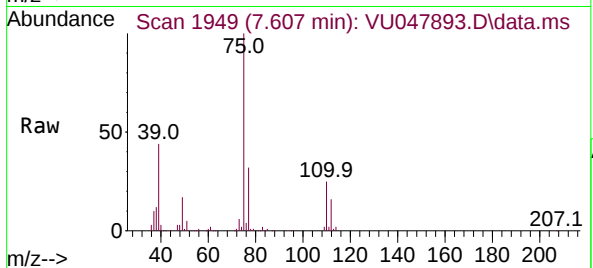
VSTD050190

Tgt Ion: 75 Resp: 192238

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 101.163 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

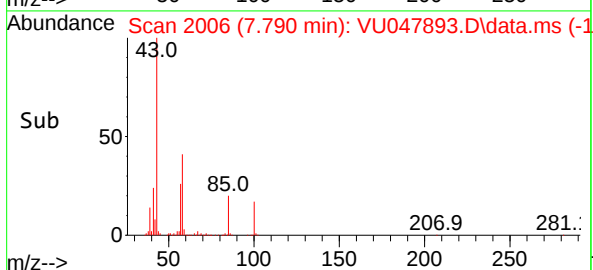
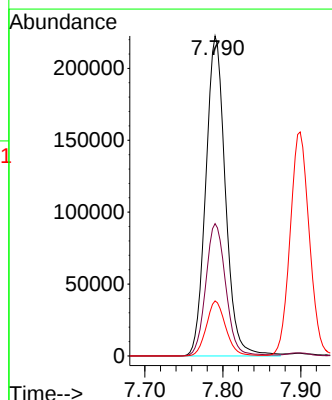
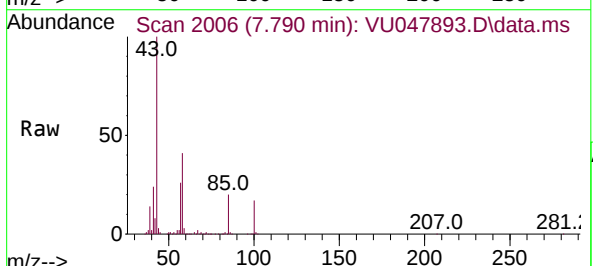
Tgt Ion: 43 Resp: 389196

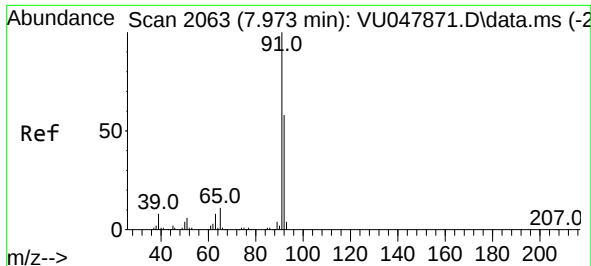
Ion Ratio Lower Upper

43 100

58 42.2 34.7 52.1

100 17.0 14.2 21.2





#42

Toluene

Concen: 53.606 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

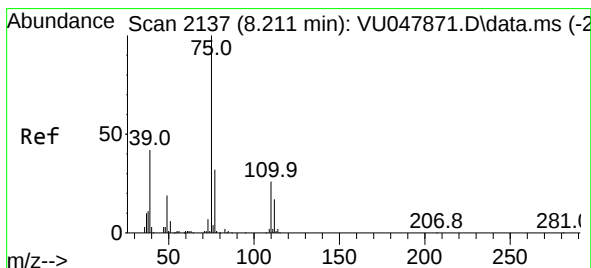
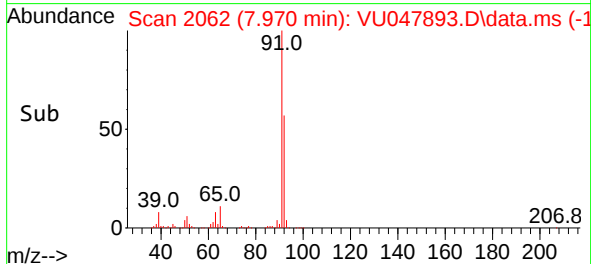
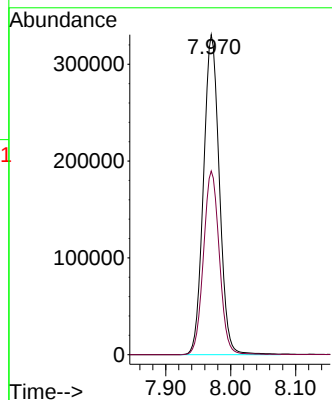
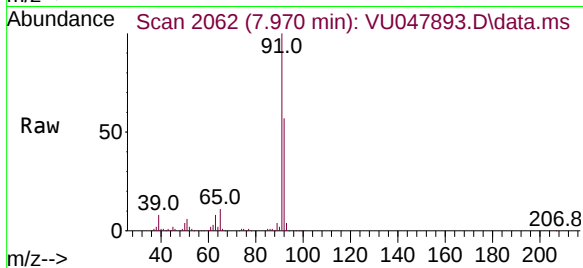
VSTD050190

Tgt Ion: 91 Resp: 563206

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 50.010 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047893.D

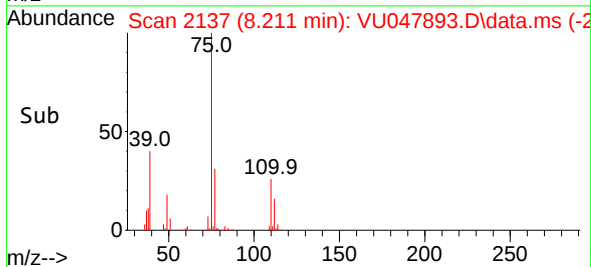
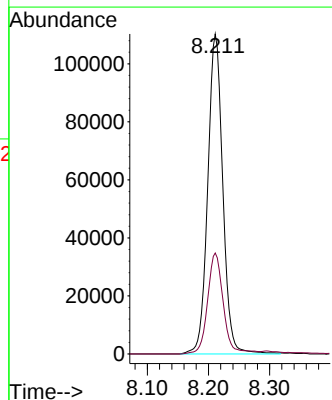
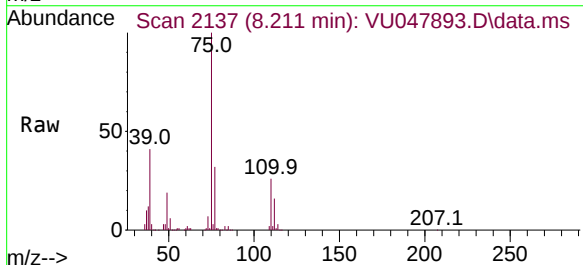
Acq: 09 Apr 2022 01:29

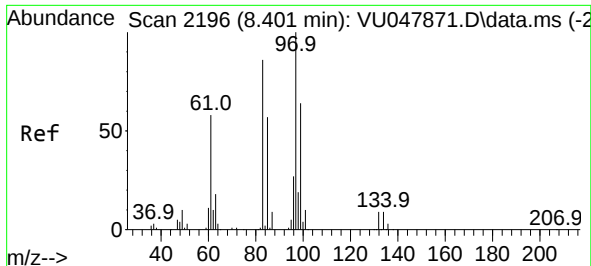
Tgt Ion: 75 Resp: 188594

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8

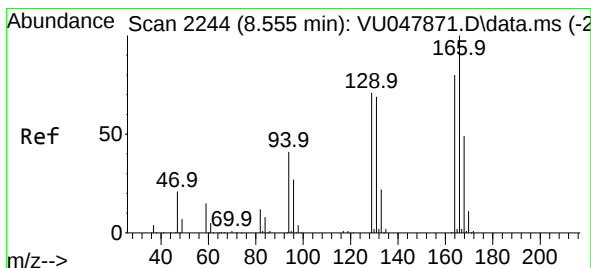
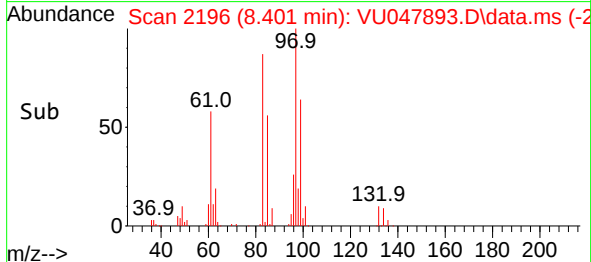
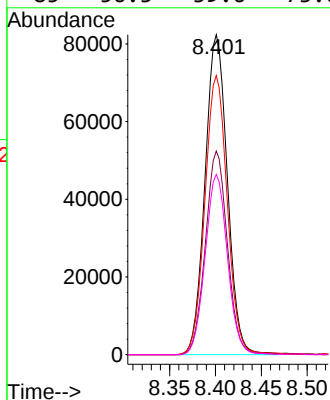
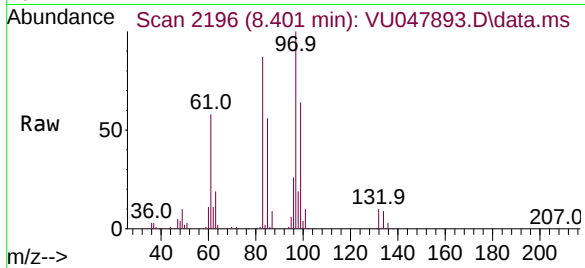




#45
1,1,2-Trichloroethane
Concen: 54.123 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

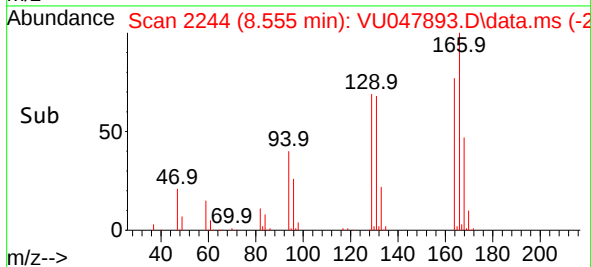
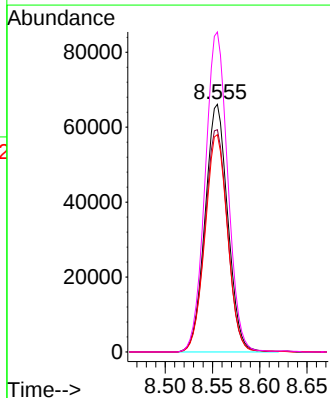
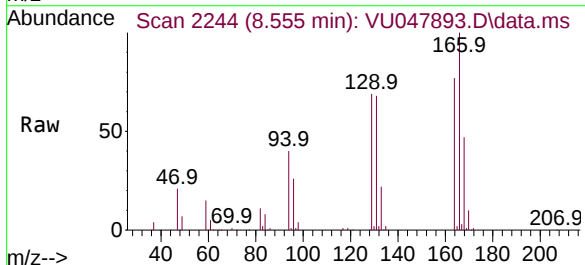
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

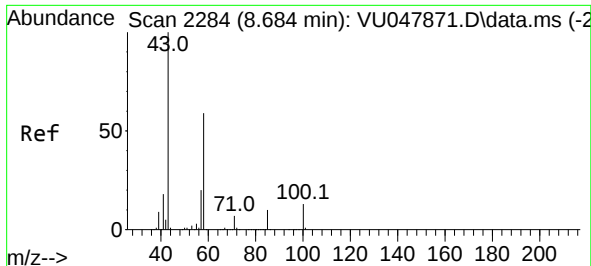
Tgt Ion:	97	Resp:	139725
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.3	80.3
83	87.2	61.0	113.4
85	56.3	39.6	73.6



#46
Tetrachloroethene
Concen: 49.081 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion:	164	Resp:	110722
Ion	Ratio	Lower	Upper
164	100		
129	89.7	62.4	116.0
131	87.7	60.7	112.7
166	129.2	89.0	165.4

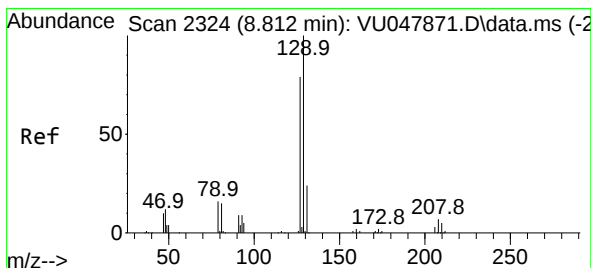
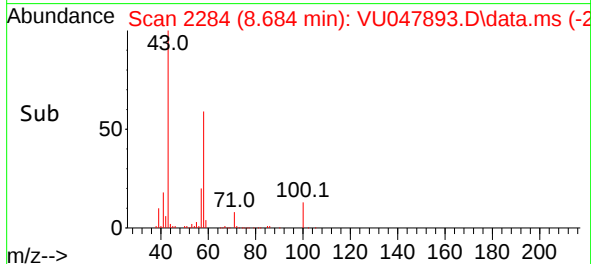
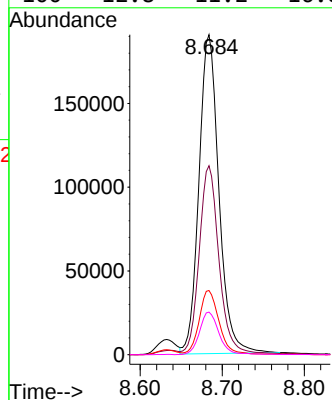
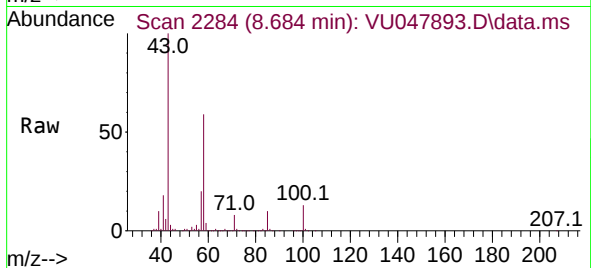




#48
2-Hexanone
Concen: 97.267 ug/L
RT: 8.684 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

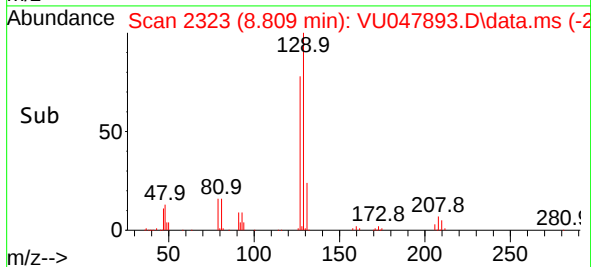
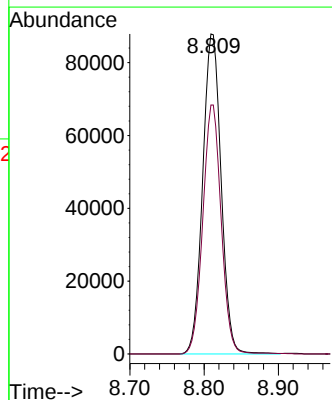
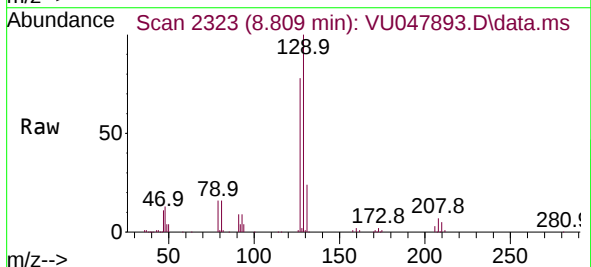
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

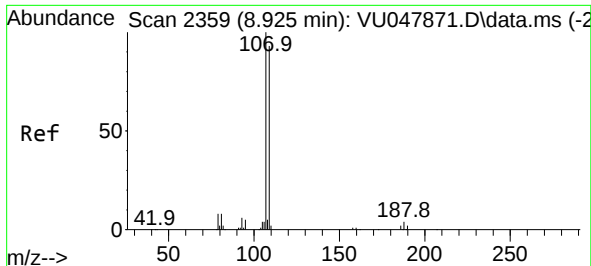
Tgt Ion: 43 Resp: 321887
Ion Ratio Lower Upper
43 100
58 57.0 48.1 72.1
57 20.3 16.2 24.4
100 12.8 11.2 16.8



#49
Dibromochloromethane
Concen: 50.645 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion: 129 Resp: 151434
Ion Ratio Lower Upper
129 100
127 77.8 54.2 100.6





#50

1,2-Dibromoethane

Concen: 52.141 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050190

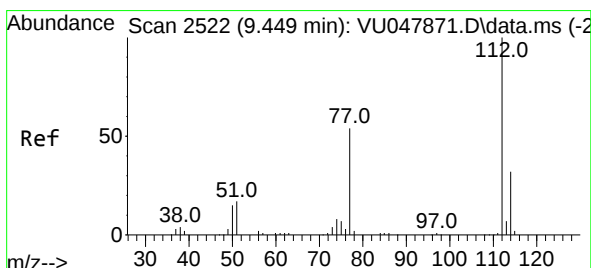
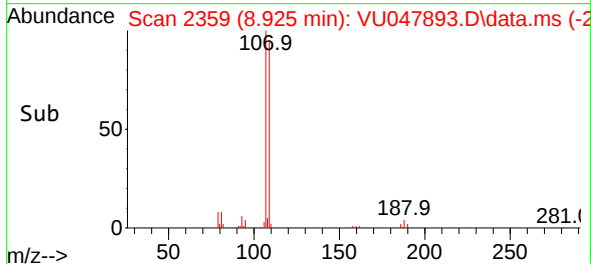
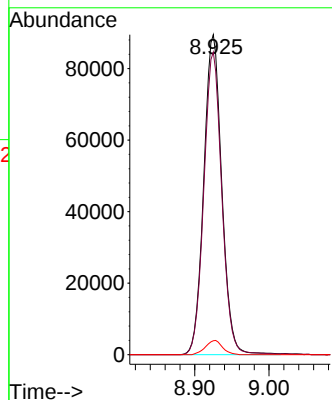
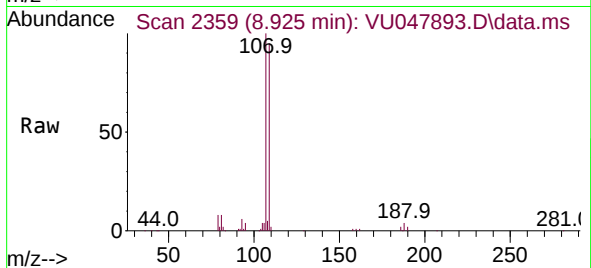
Tgt Ion:107 Resp: 150905

Ion Ratio Lower Upper

107 100

109 94.5 66.6 123.6

188 4.4 3.4 5.2



#51

Chlorobenzene

Concen: 60.974 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

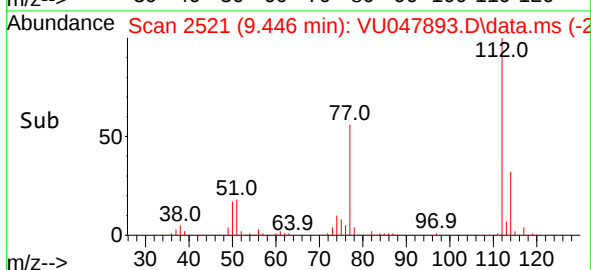
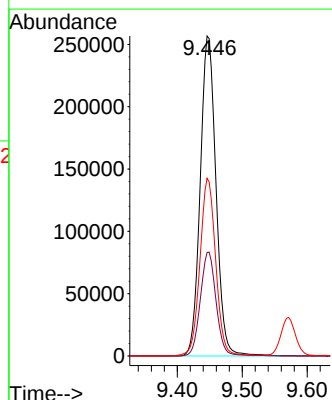
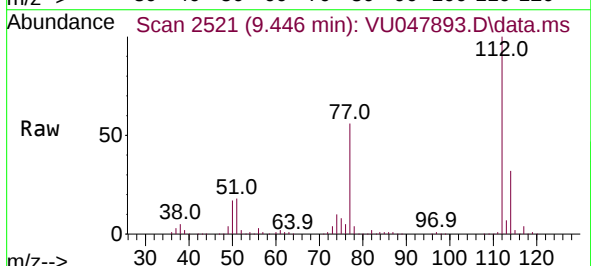
Tgt Ion:112 Resp: 434970

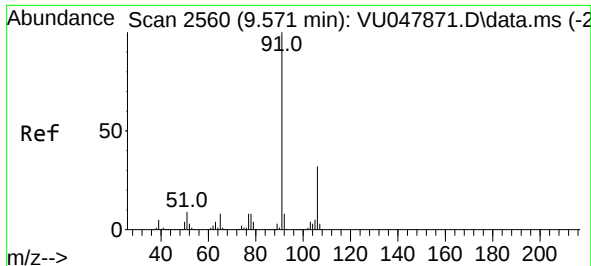
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 55.5 43.4 65.0

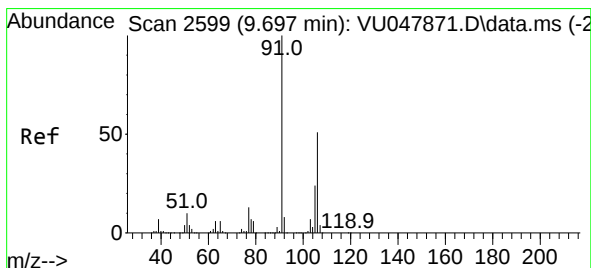
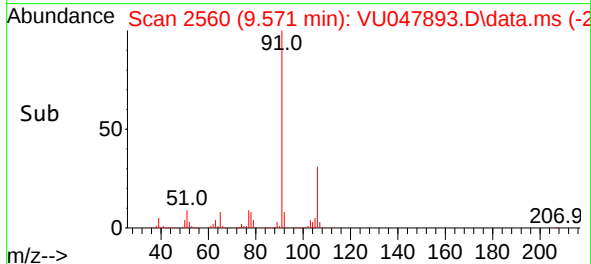
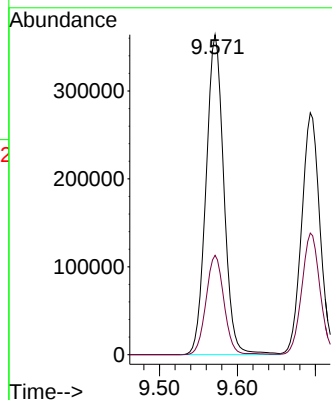
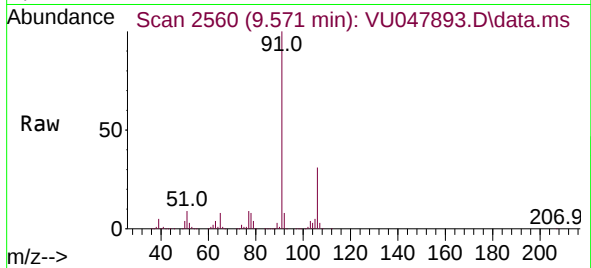




#52
Ethylbenzene
Concen: 52.252 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

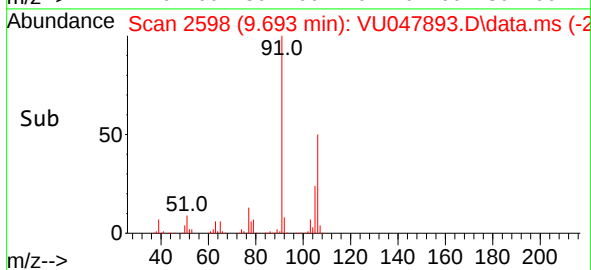
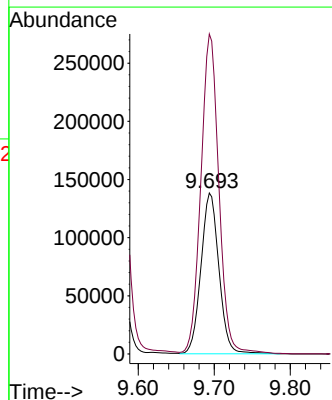
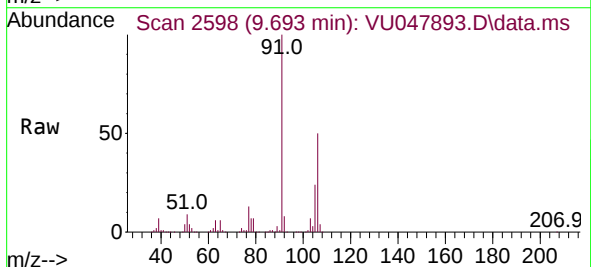
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

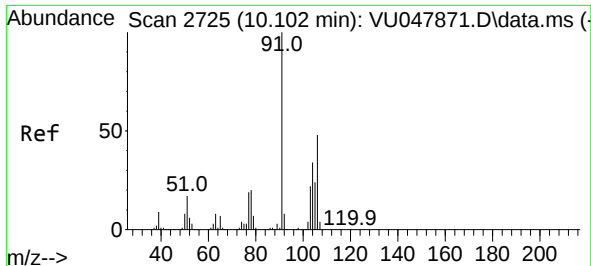
Tgt Ion: 91 Resp: 577237
Ion Ratio Lower Upper
91 100
106 31.1 22.4 41.6



#53
m,p-Xylene
Concen: 52.265 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion: 106 Resp: 226550
Ion Ratio Lower Upper
106 100
91 198.8 137.7 255.7

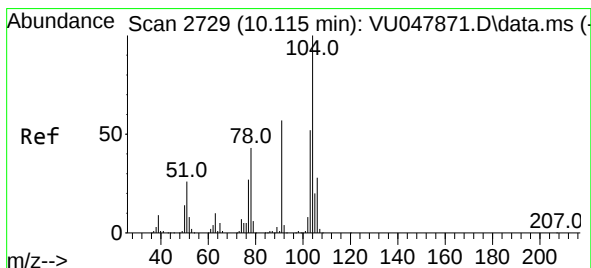
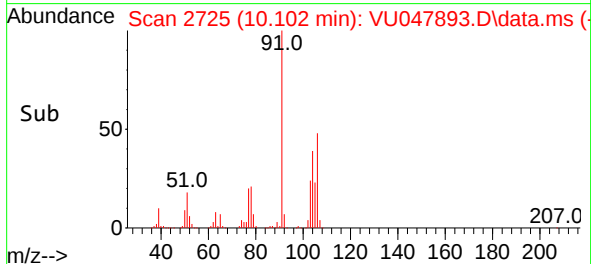
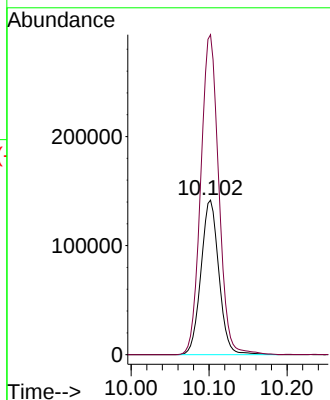
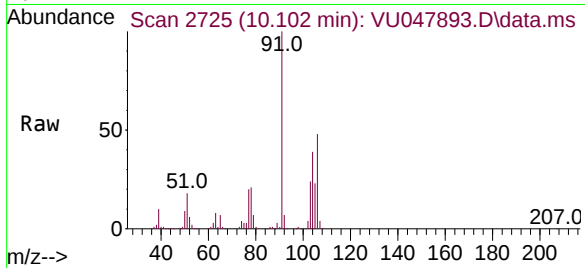




#54
o-Xylene
Concen: 53.146 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

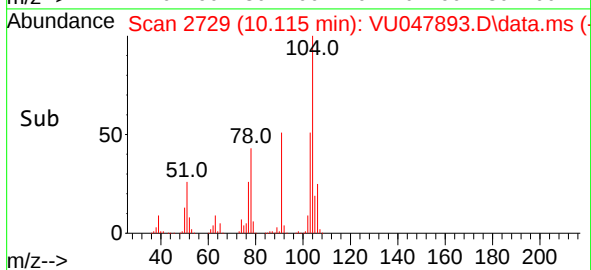
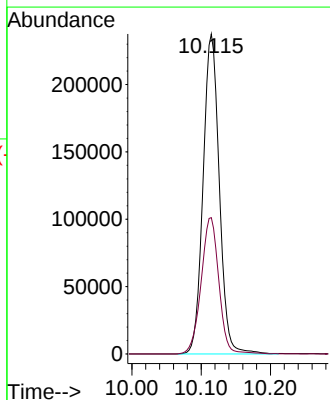
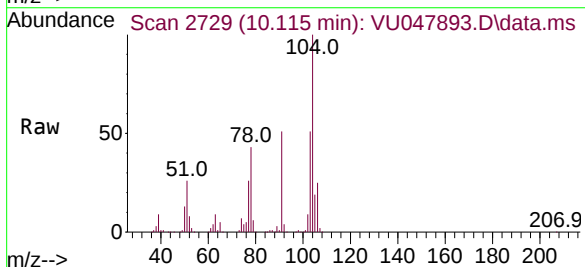
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

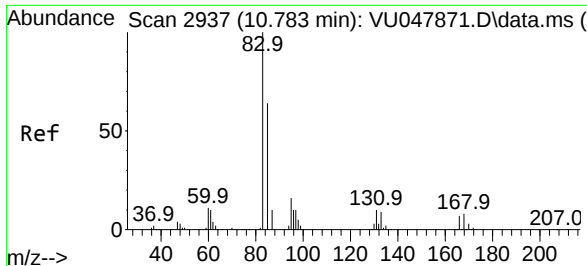
Tgt Ion:106 Resp: 226099
Ion Ratio Lower Upper
106 100
91 207.0 146.7 272.5



#55
Styrene
Concen: 53.087 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion:104 Resp: 385599
Ion Ratio Lower Upper
104 100
78 42.6 30.4 56.4

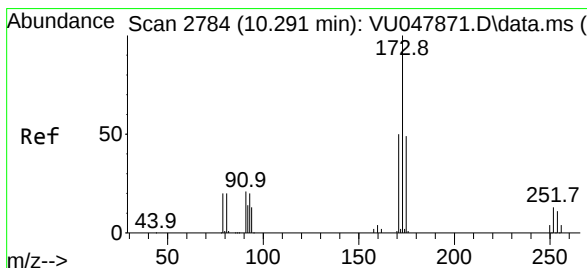
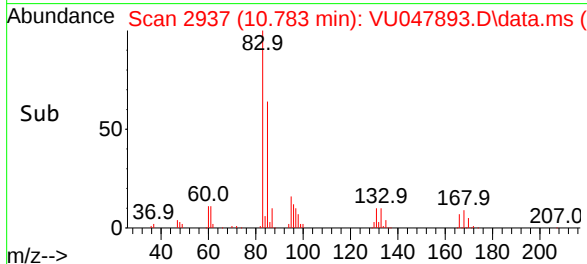
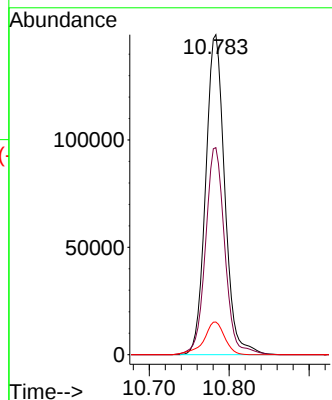
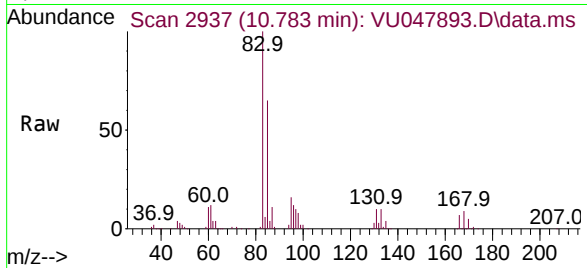




#57
1,1,2,2-Tetrachloroethane
Concen: 51.097 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

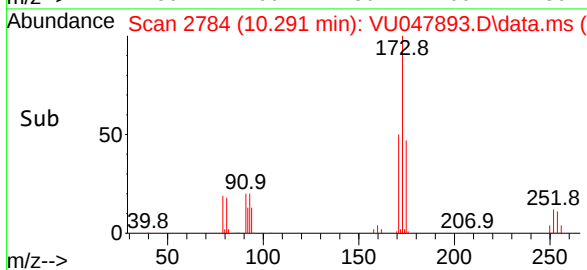
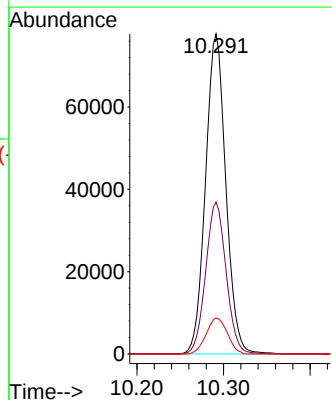
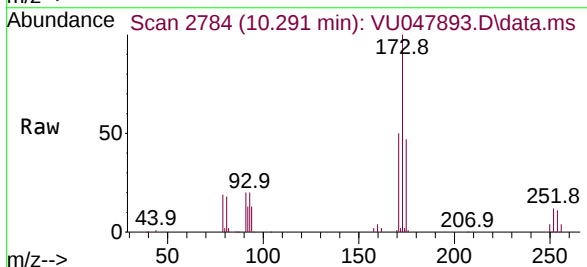
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

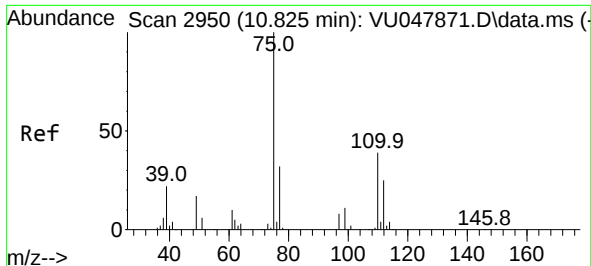
Tgt Ion: 83 Resp: 247303
Ion Ratio Lower Upper
83 100
85 64.7 44.9 83.3
131 10.2 8.6 13.0



#59
Bromoform
Concen: 50.782 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion: 173 Resp: 126491
Ion Ratio Lower Upper
173 100
175 47.8 38.7 58.1
254 11.7 9.6 14.4

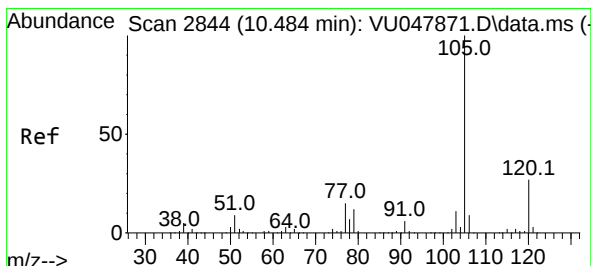
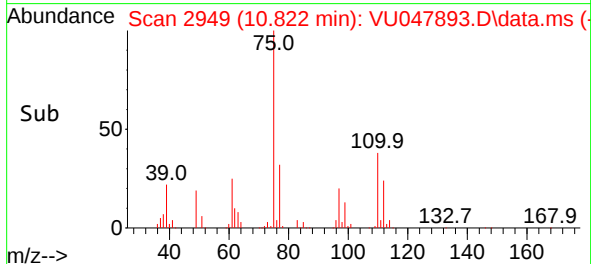
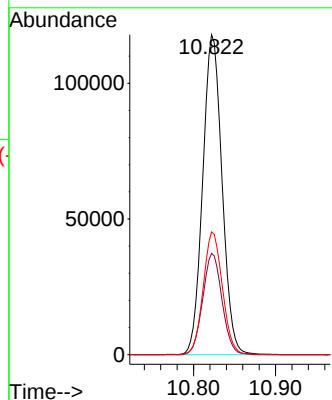
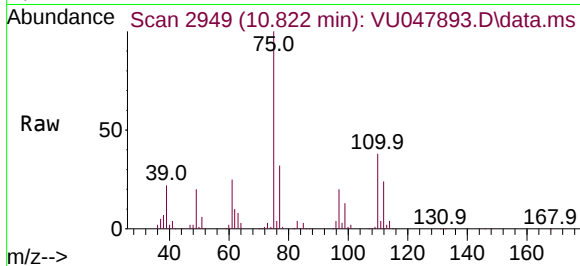




#60
1,2,3-Trichloropropane
Concen: 52.482 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

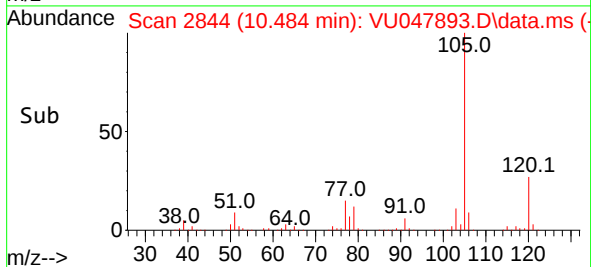
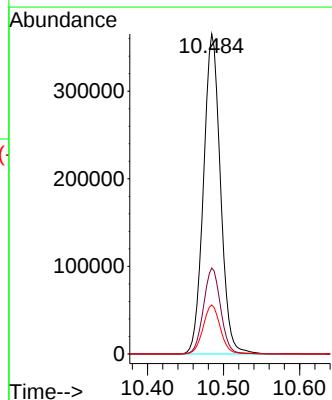
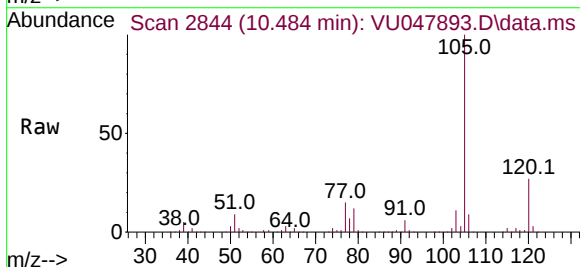
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

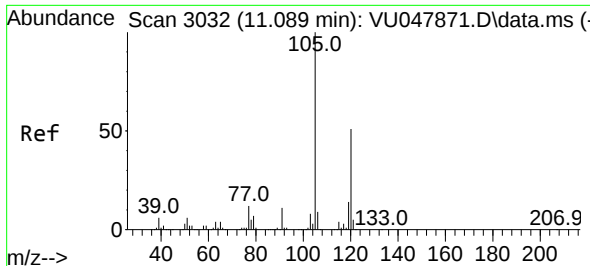
Tgt Ion: 75 Resp: 192724
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 38.1 31.4 47.2



#61
Isopropylbenzene
Concen: 53.768 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion: 105 Resp: 566050
Ion Ratio Lower Upper
105 100
120 27.2 21.9 32.9
77 15.6 12.1 18.1

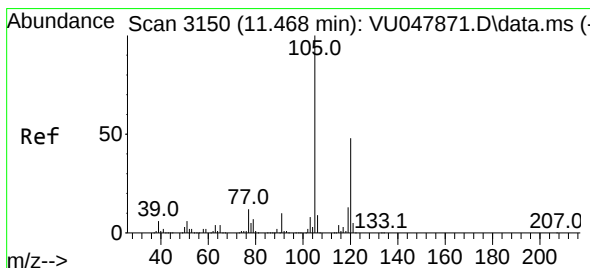
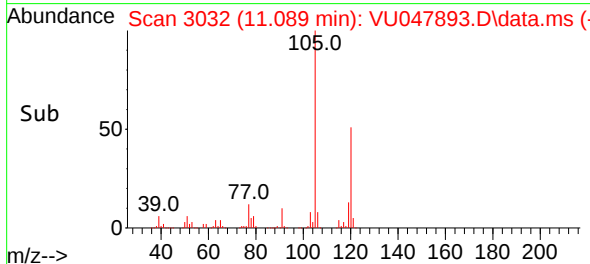
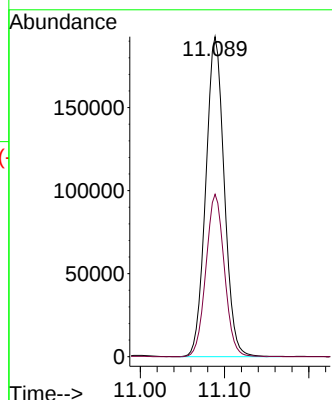
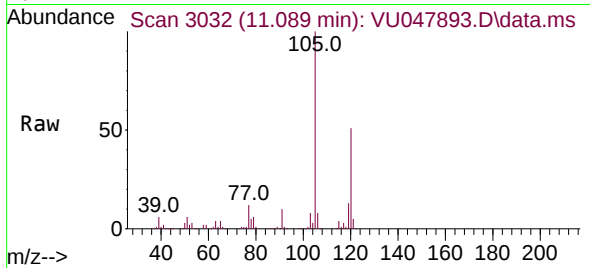




#62
 1,3,5-Trimethylbenzene
 Concen: 51.570 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047893.D
 Acq: 09 Apr 2022 01:29

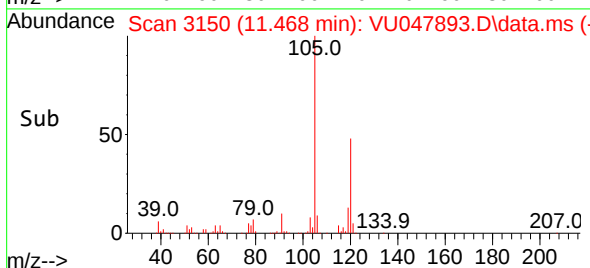
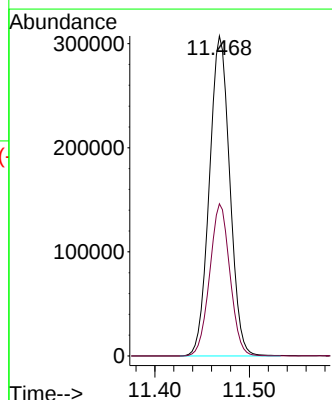
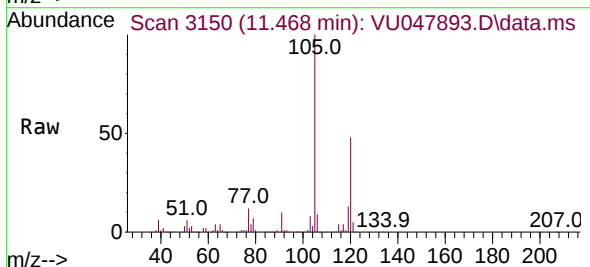
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050190

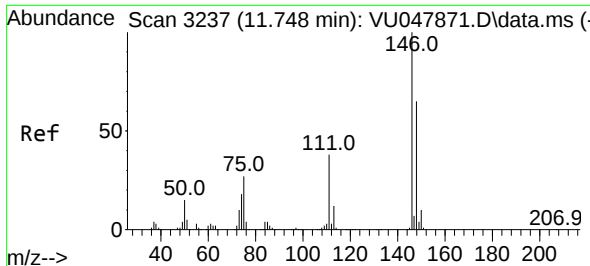
Tgt Ion:105 Resp: 294570
 Ion Ratio Lower Upper
 105 100
 120 50.6 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 53.206 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047893.D
 Acq: 09 Apr 2022 01:29

Tgt Ion:105 Resp: 461634
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.6 56.4

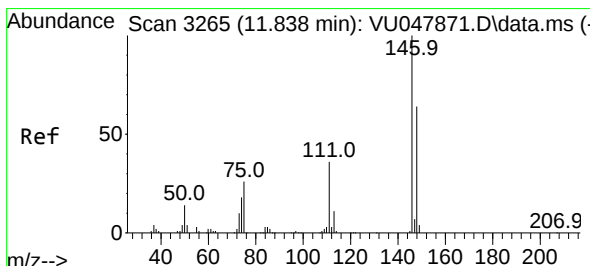
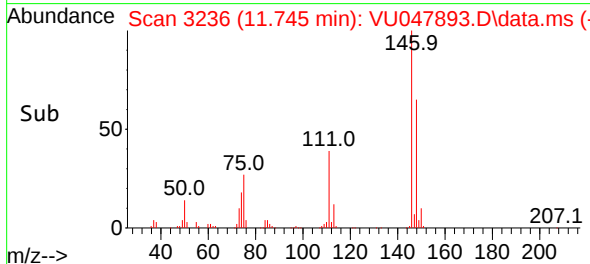
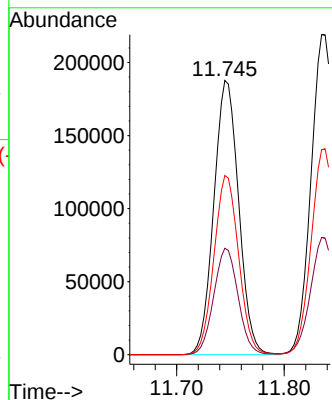
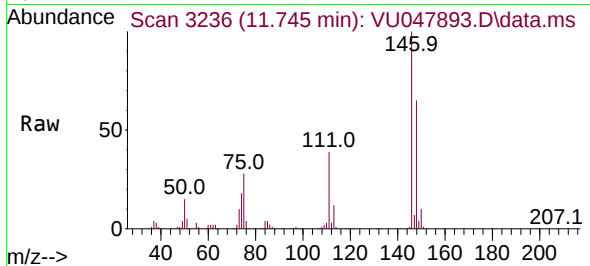




#64
1,3-Dichlorobenzene
Concen: 51.568 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

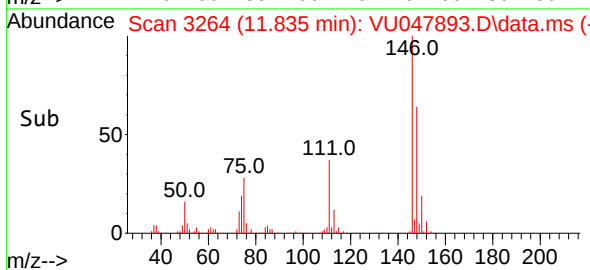
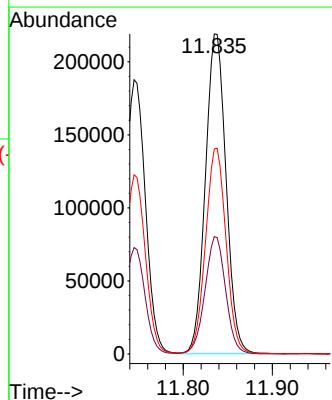
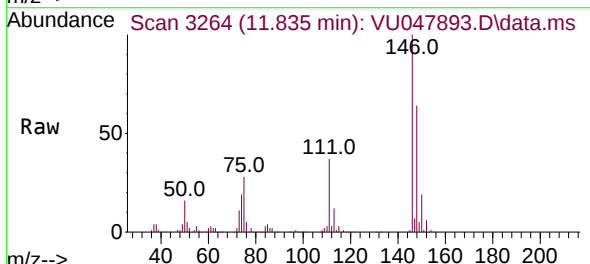
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

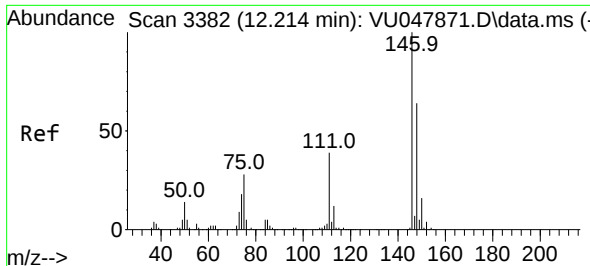
Tgt Ion:146 Resp: 301749
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 65.4 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 58.004 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion:146 Resp: 351557
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 64.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 58.237 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050190

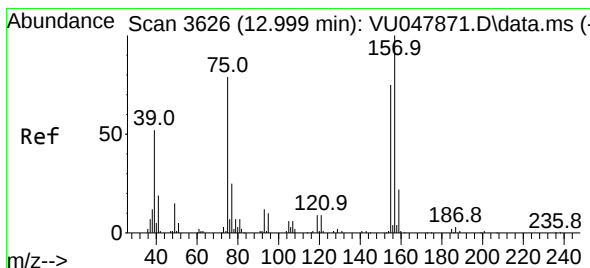
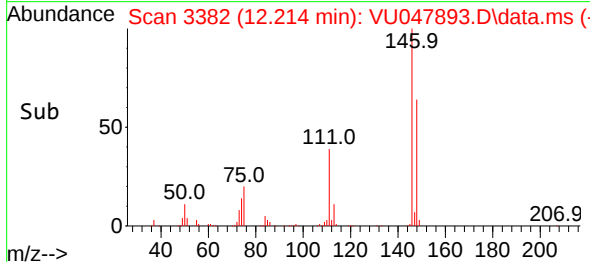
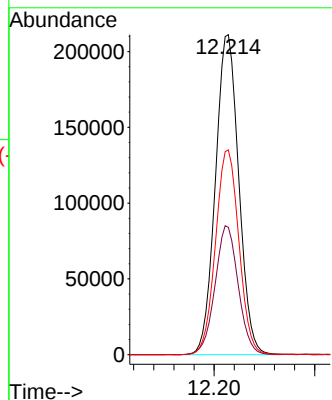
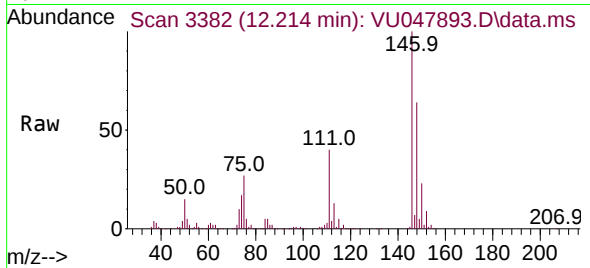
Tgt Ion:146 Resp: 340975

Ion Ratio Lower Upper

146 100

111 39.8 31.7 47.5

148 64.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 47.020 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU047893.D

Acq: 09 Apr 2022 01:29

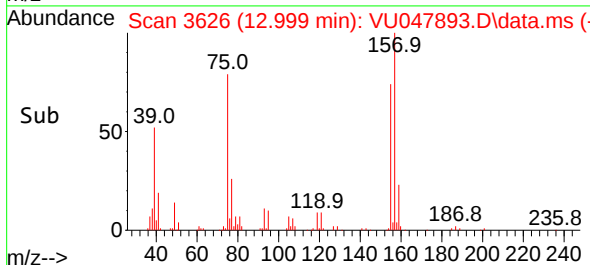
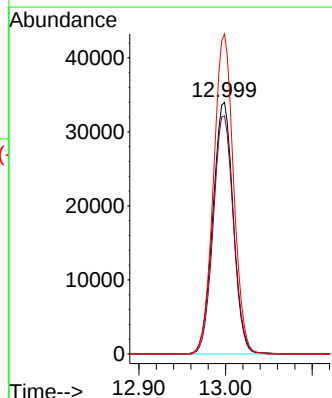
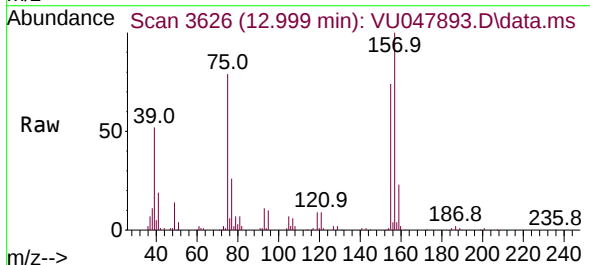
Tgt Ion: 75 Resp: 55309

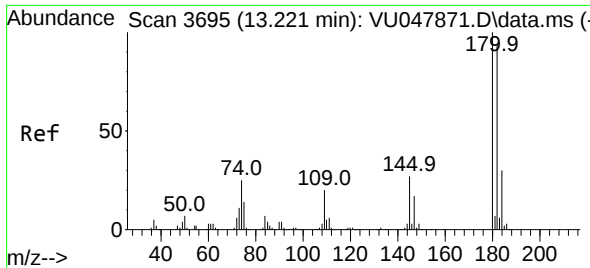
Ion Ratio Lower Upper

75 100

155 94.6 78.9 118.3

157 127.2 97.5 146.3

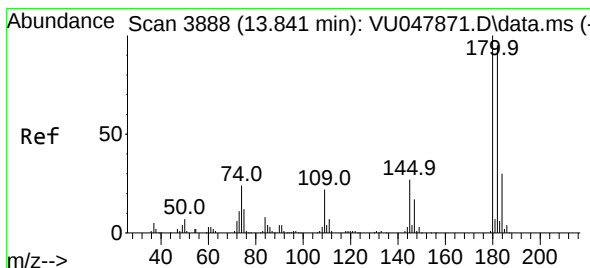
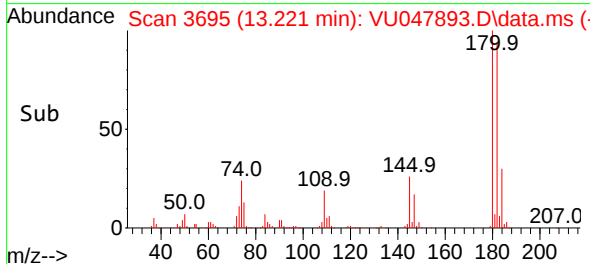
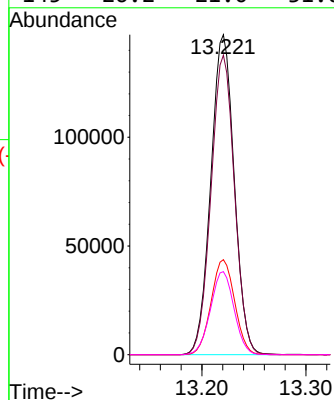
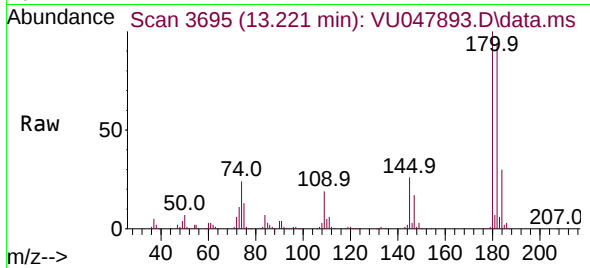




#69
 1,3,5-Trichlorobenzene
 Concen: 48.364 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047893.D
 Acq: 09 Apr 2022 01:29

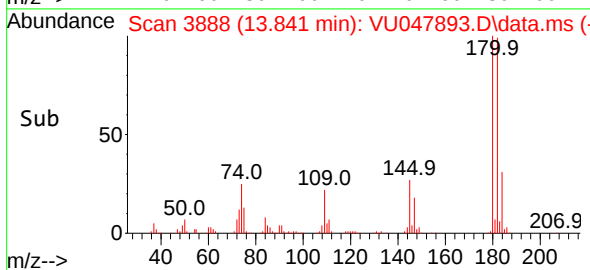
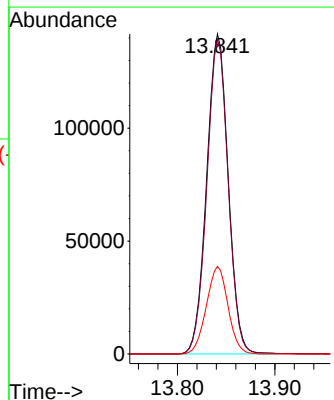
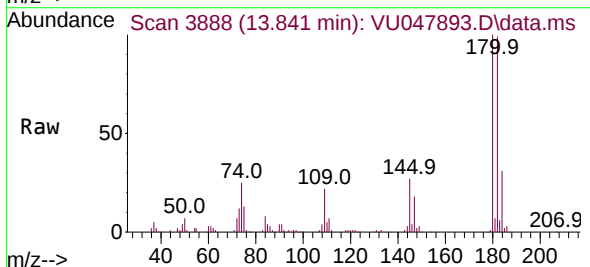
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050190

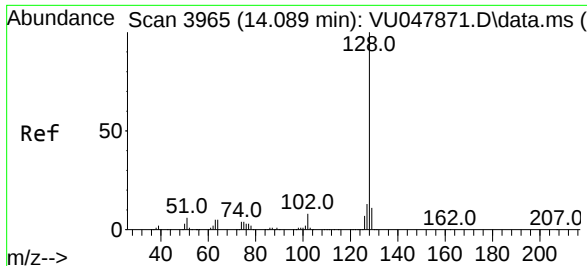
Tgt Ion:180	Resp:	229839
Ion Ratio	Lower	Upper
180	100	
182	94.0	77.0 115.6
184	30.0	24.5 36.7
145	26.2	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 52.485 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047893.D
 Acq: 09 Apr 2022 01:29

Tgt Ion:180	Resp:	218468
Ion Ratio	Lower	Upper
180	100	
182	96.8	76.2 114.2
145	27.4	21.8 32.8

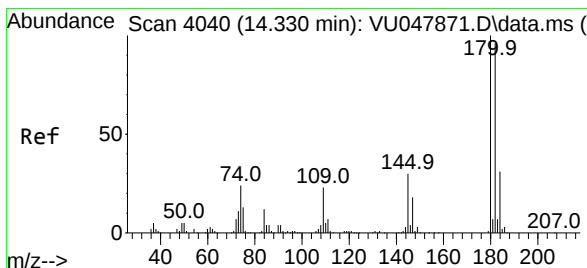
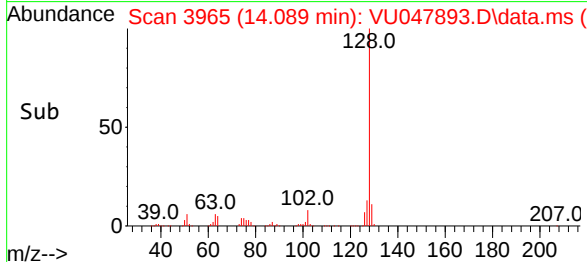
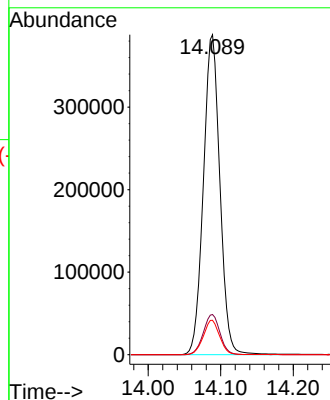
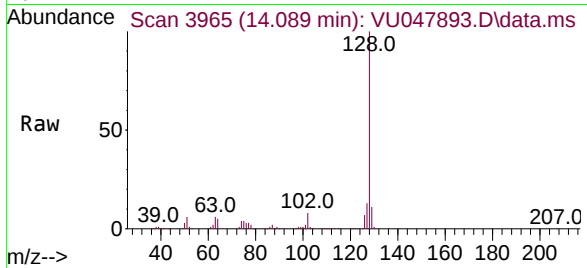




#71
Naphthalene
Concen: 49.338 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

Tgt Ion:128 Resp: 612290
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.281 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047893.D
Acq: 09 Apr 2022 01:29

Tgt Ion:180 Resp: 218160
Ion Ratio Lower Upper
180 100
182 95.9 77.4 116.0
145 29.0 22.8 34.2

