

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090722\
 Data File : U050675.D
 Acq On : 07 Sep 2022 21:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050193

Quant Time: Sep 08 05:45:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	302715	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	301727	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	146771	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95651	36.943	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.880%
7) Chloroethane-d5	1.903	69	72478	41.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.565	63	183881	40.189	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.380%
21) 2-Butanone-d5	4.620	46	168406	88.901	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.900%
24) Chloroform-d	5.060	84	249092	50.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.520%
26) 1,2-Dichloroethane-d4	5.700	65	156154	52.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.140%
32) Benzene-d6	5.726	84	471477	47.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	6.690	67	153666	46.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.880%
41) Toluene-d8	7.896	98	425846	49.942	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.880%
43) trans-1,3-Dichloroprop...	8.179	79	71070	52.468	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.940%
47) 2-Hexanone-d5	8.629	63	70468	85.575	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.580%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	251890	50.845	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	162796	47.382	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	102416	35.223	ug/L	100
3) Chloromethane	1.520	50	128500	40.901	ug/L	99
5) Vinyl chloride	1.604	62	106641	36.028	ug/L	99
6) Bromomethane	1.842	94	69127	46.308	ug/L	96
8) Chloroethane	1.925	64	62367	39.670	ug/L	99
9) Trichlorofluoromethane	2.134	101	142132	39.412	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	81643	34.511	ug/L	98
12) 1,1-Dichloroethene	2.578	96	91950	40.002	ug/L	95
13) Acetone	2.623	43	125477	87.810	ug/L	99
14) Carbon disulfide	2.790	76	274779	40.313	ug/L	100
15) Methyl Acetate	2.944	43	138526	45.838	ug/L	97
16) Methylene chloride	3.041	84	137346	45.529	ug/L	93
17) trans-1,2-Dichloroethene	3.350	96	107060	43.922	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	383833	50.788	ug/L	99
19) 1,1-Dichloroethane	3.867	63	214580	45.629	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	130378	47.407	ug/L	95
22) 2-Butanone	4.697	43	208507	93.293	ug/L	94
23) Bromochloromethane	4.970	128	72748	51.190	ug/L	91
25) Chloroform	5.086	83	237409	49.552	ug/L	98

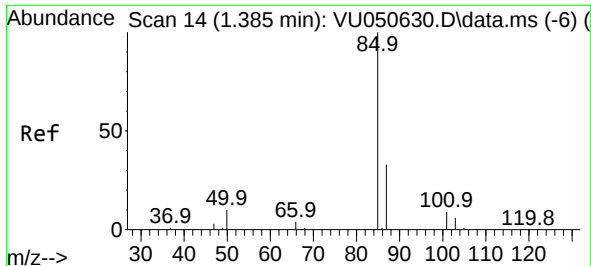
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
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 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	182880	51.500	ug/L	100
29) Cyclohexane	5.388	56	135606	33.559	ug/L	94
30) 1,1,1-Trichloroethane	5.314	97	185562	45.661	ug/L	98
31) Carbon tetrachloride	5.523	117	150993	45.349	ug/L	98
33) Benzene	5.771	78	512521	46.675	ug/L	100
34) Trichloroethene	6.539	95	112195	43.850	ug/L	98
35) Methylcyclohexane	6.761	83	136524	33.563	ug/L	96
37) 1,2-Dichloropropane	6.790	63	134997	46.543	ug/L	100
38) Bromodichloromethane	7.105	83	178216	52.234	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	194706	49.594	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	371230	93.921	ug/L	97
42) Toluene	7.967	91	525670	47.128	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	183391	49.787	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	139828	50.185	ug/L	99
46) Tetrachloroethene	8.552	164	80401	43.023	ug/L	98
48) 2-Hexanone	8.681	43	340582	92.330	ug/L	97
49) Dibromochloromethane	8.809	129	147663	55.563	ug/L	97
50) 1,2-Dibromoethane	8.922	107	149447	52.741	ug/L	99
51) Chlorobenzene	9.446	112	335131	48.412	ug/L	97
52) Ethylbenzene	9.568	91	509884	46.274	ug/L	97
53) m,p-Xylene	9.693	106	202894	48.062	ug/L	97
54) o-Xylene	10.099	106	210500	50.084	ug/L	100
55) Styrene	10.111	104	360727	52.163	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	255421	51.465	ug/L	98
59) Bromoform	10.288	173	112220	51.246	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	198901	46.187	ug/L	98
61) Isopropylbenzene	10.484	105	480789	41.384	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	425637	42.855	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	423767	44.431	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	238360	46.629	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	234210	46.353	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	255486	46.927	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	53892	47.389	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	159632	43.031	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	131437	41.726	ug/L	99
71) Naphthalene	14.086	128	483910	43.328	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	148190	43.442	ug/L	100

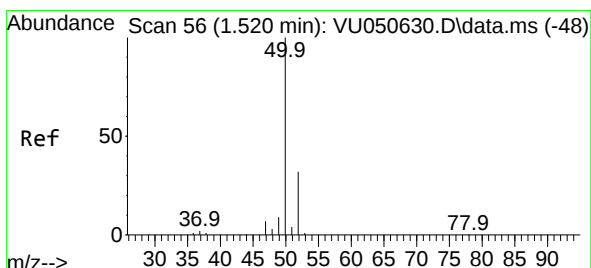
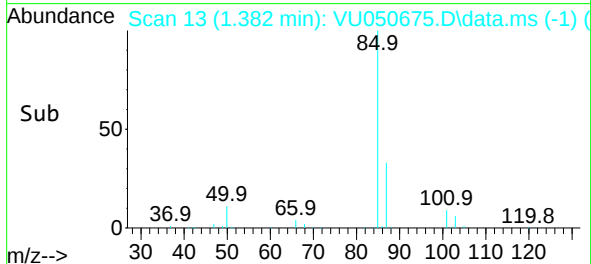
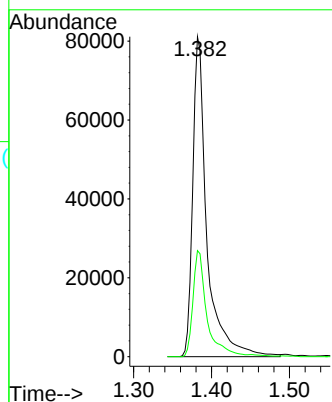
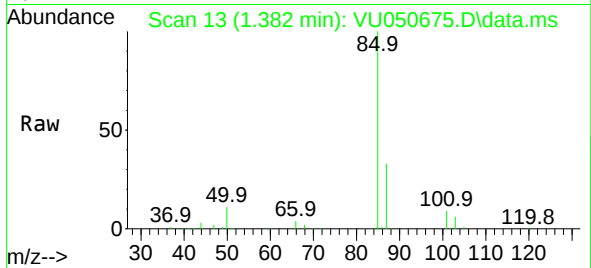
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 35.223 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU050675.D
 Acq: 07 Sep 2022 21:02

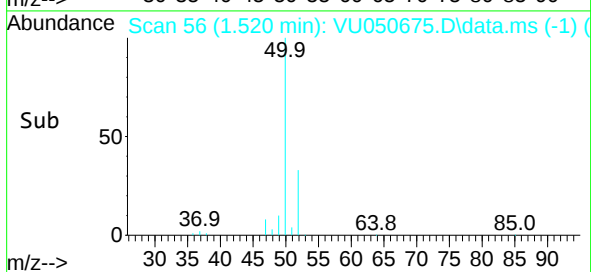
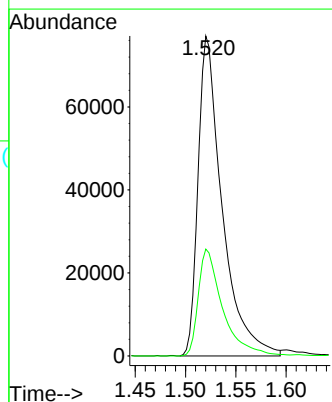
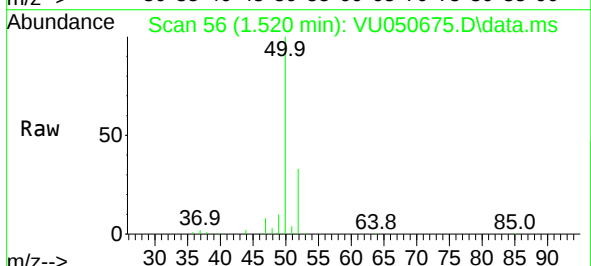
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050193

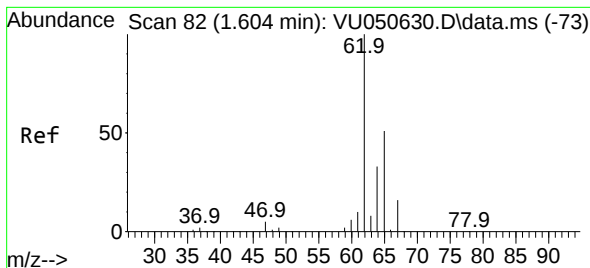
Tgt Ion: 85 Resp: 102416
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 40.901 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU050675.D
 Acq: 07 Sep 2022 21:02

Tgt Ion: 50 Resp: 128500
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 43.9





#5

Vinyl chloride

Concen: 36.028 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

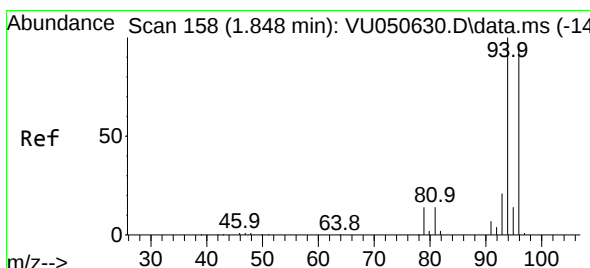
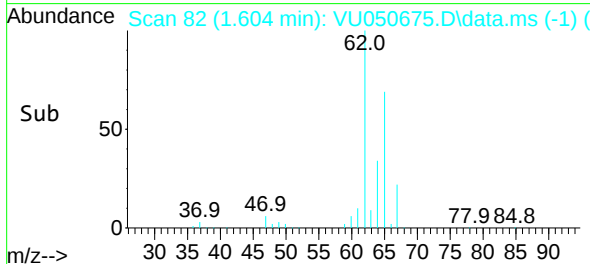
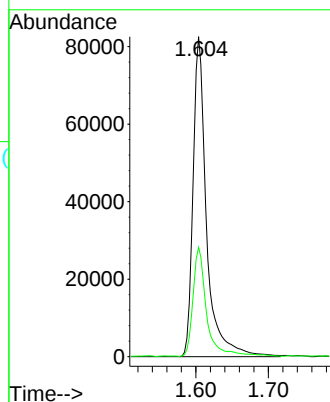
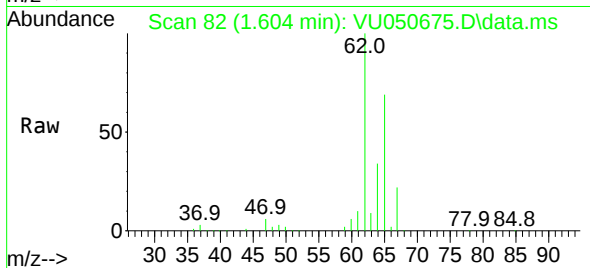
VSTD050193

Tgt Ion: 62 Resp: 106641

Ion Ratio Lower Upper

62 100

64 34.2 23.5 43.7



#6

Bromomethane

Concen: 46.308 ug/L

RT: 1.842 min Scan# 156

Delta R.T. -0.006 min

Lab File: VU050675.D

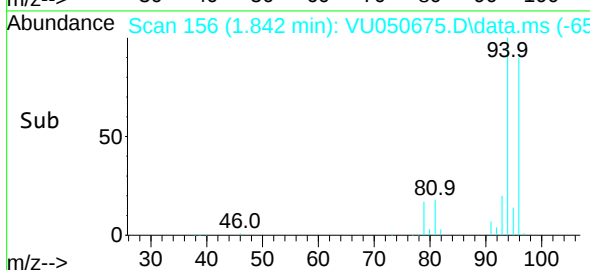
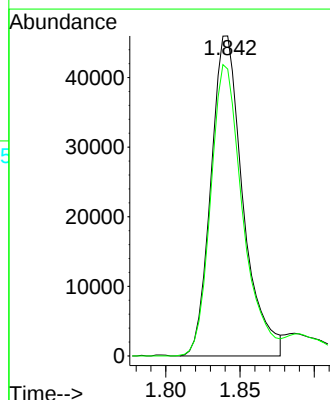
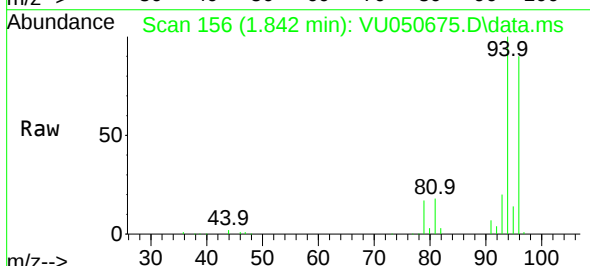
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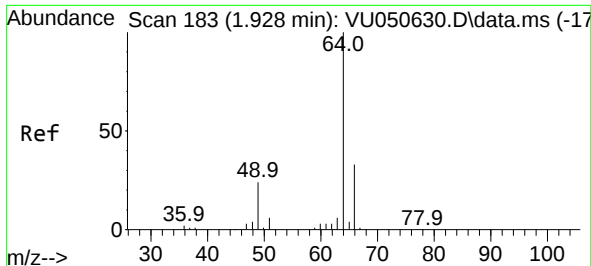
Tgt Ion: 94 Resp: 69127

Ion Ratio Lower Upper

94 100

96 89.6 65.6 121.8

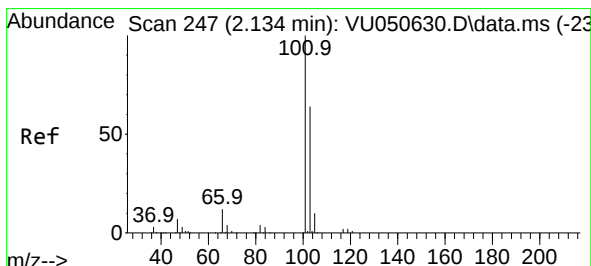
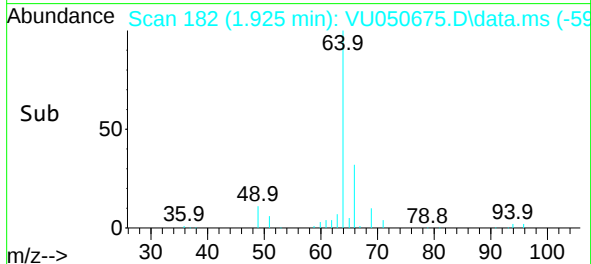
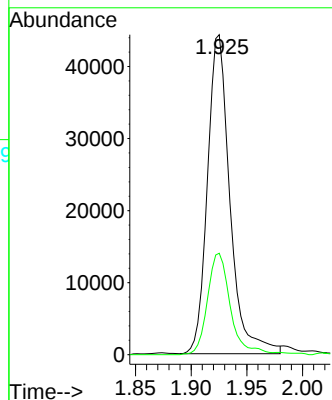
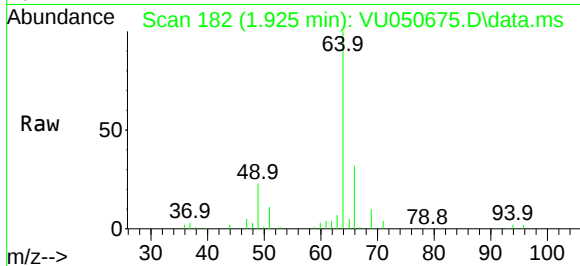




#8
Chloroethane
Concen: 39.670 ug/L
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

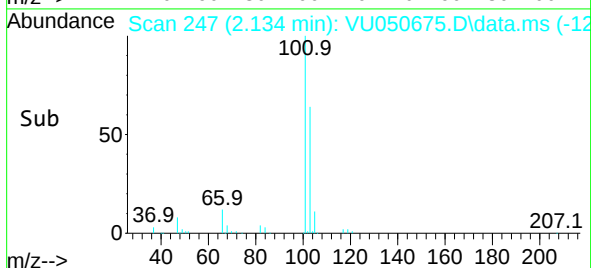
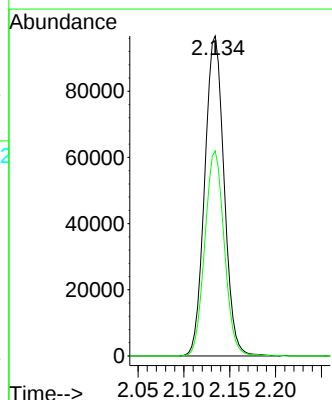
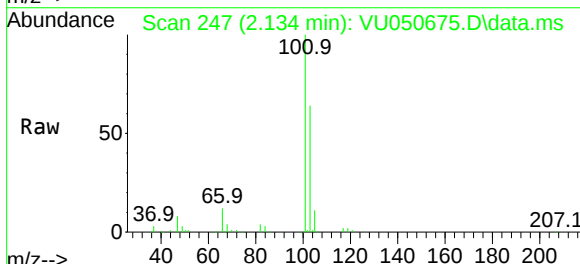
Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

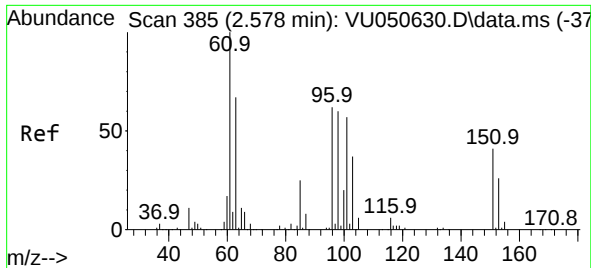
Tgt Ion: 64 Resp: 62367
Ion Ratio Lower Upper
64 100
66 31.7 21.9 40.7



#9
Trichlorofluoromethane
Concen: 39.412 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion:101 Resp: 142132
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

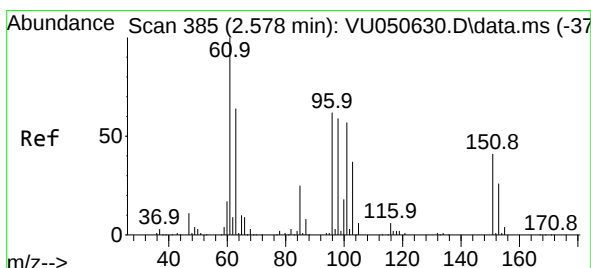
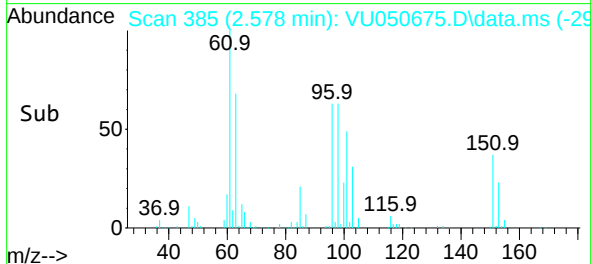
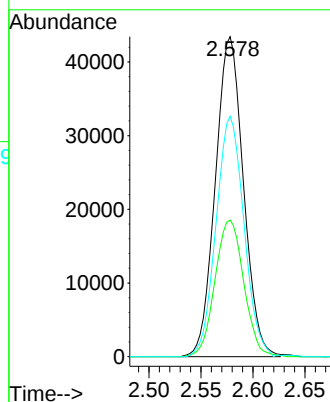
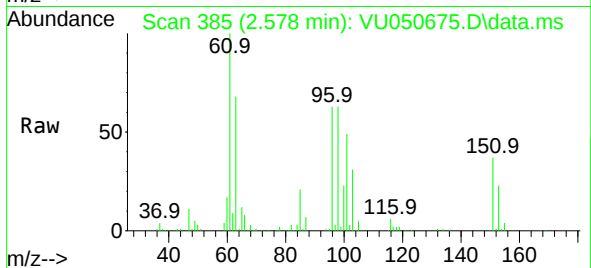




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 34.511 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

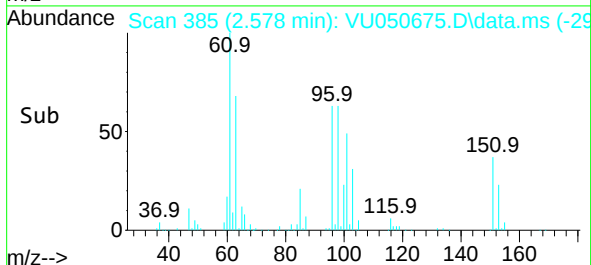
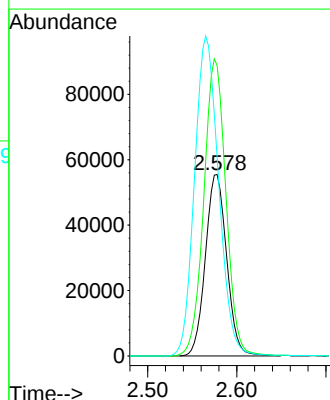
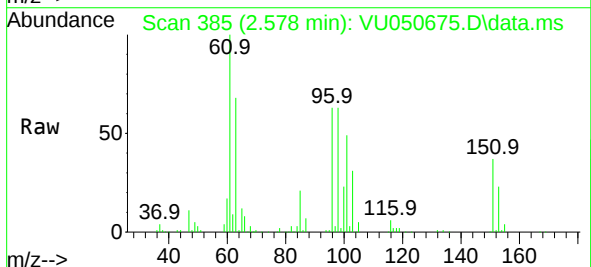
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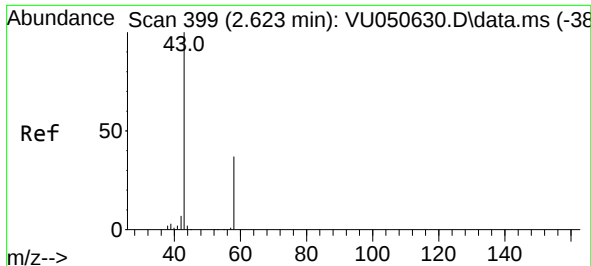
Tgt Ion:101 Resp: 81643
Ion Ratio Lower Upper
101 100
85 43.7 34.4 51.6
151 74.8 57.7 86.5



#12
1,1-Dichloroethene
Concen: 40.002 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion: 96 Resp: 91950
Ion Ratio Lower Upper
96 100
61 160.0 118.0 219.1
63 109.3 79.5 147.7





#13

Acetone

Concen: 87.810 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

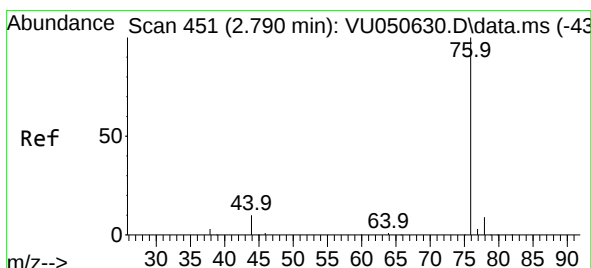
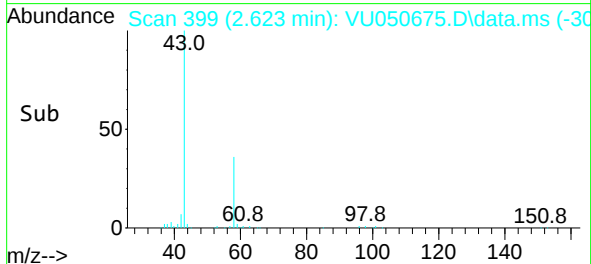
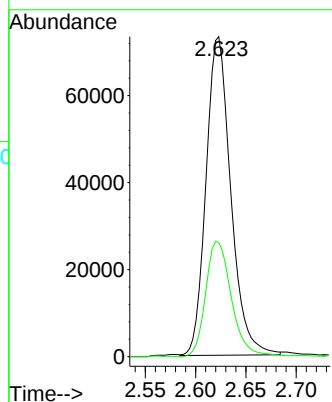
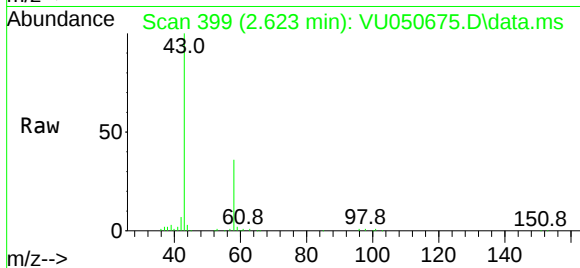
VSTD050193

Tgt Ion: 43 Resp: 125477

Ion Ratio Lower Upper

43 100

58 37.7 0.0 76.2



#14

Carbon disulfide

Concen: 40.313 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050675.D

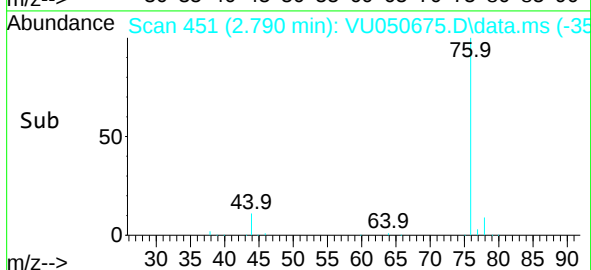
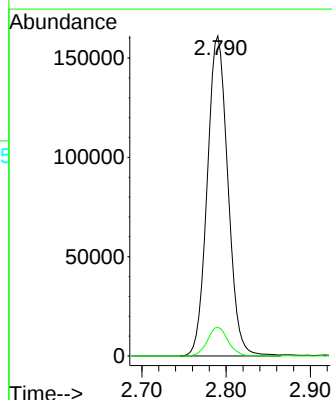
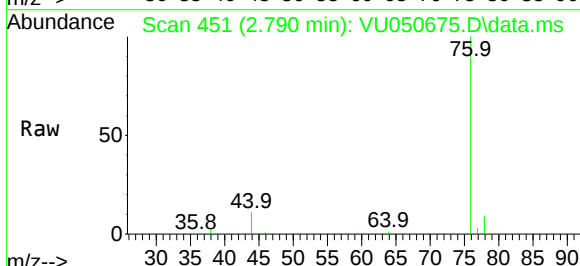
Acq: 07 Sep 2022 21:02

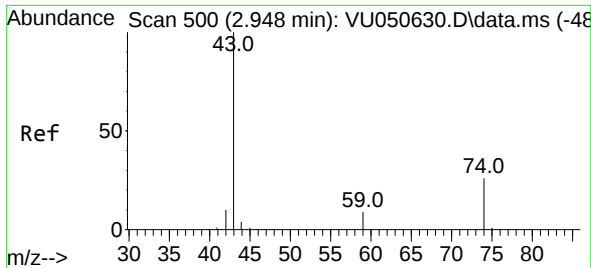
Tgt Ion: 76 Resp: 274779

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

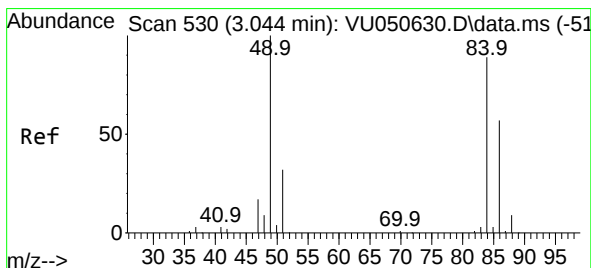
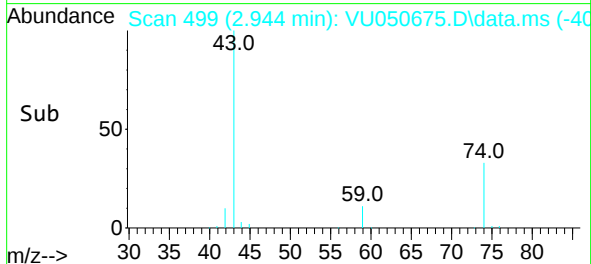
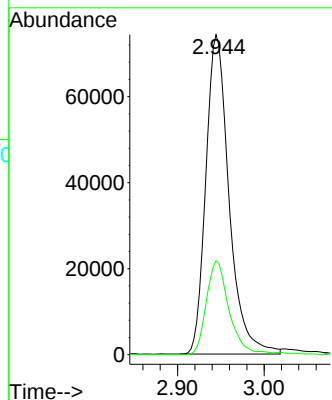
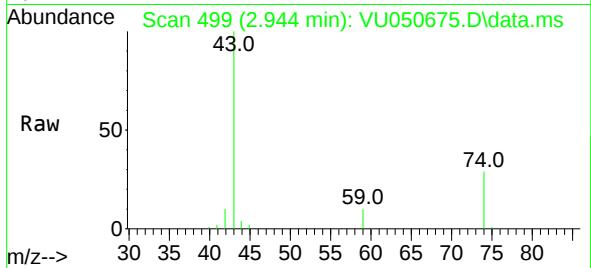




#15
Methyl Acetate
Concen: 45.838 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

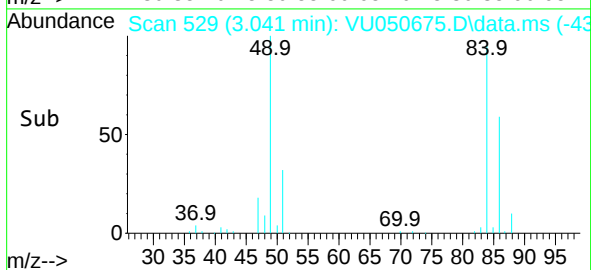
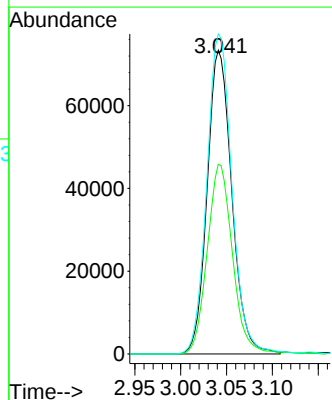
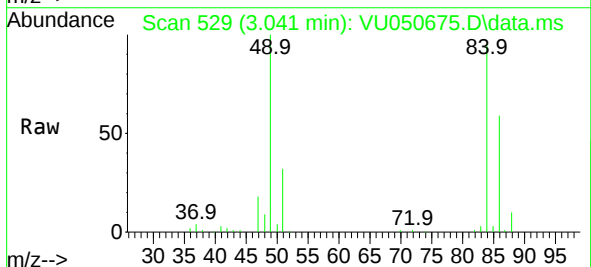
Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

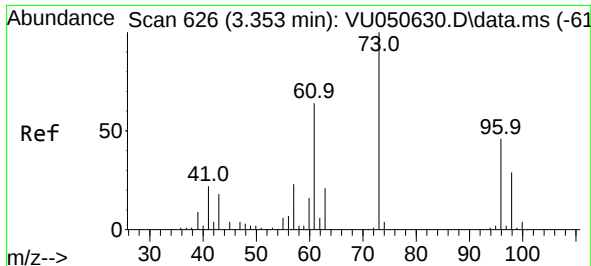
Tgt Ion: 43 Resp: 138526
Ion Ratio Lower Upper
43 100
74 28.1 21.2 31.8



#16
Methylene chloride
Concen: 45.529 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion: 84 Resp: 137346
Ion Ratio Lower Upper
84 100
86 62.5 44.8 83.2
49 105.4 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 43.922 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD050193

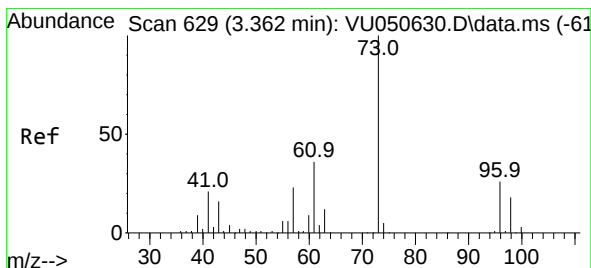
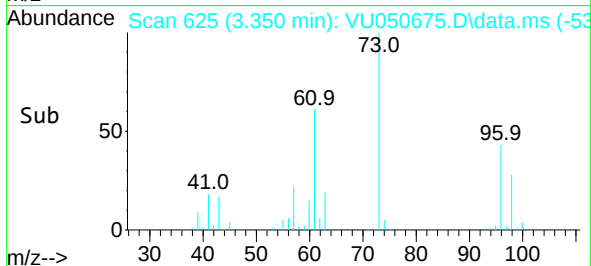
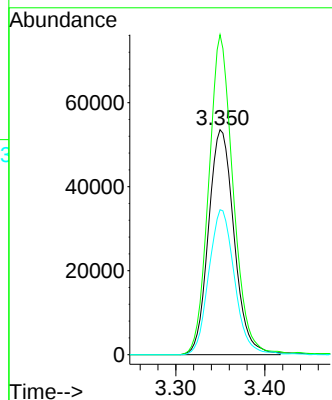
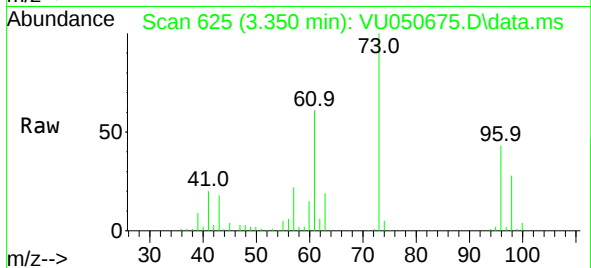
Tgt Ion: 96 Resp: 107060

Ion Ratio Lower Upper

96 100

61 142.3 97.9 181.7

98 64.4 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 50.788 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

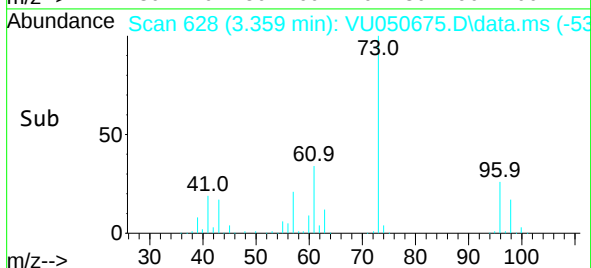
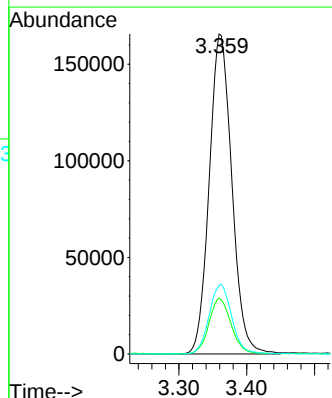
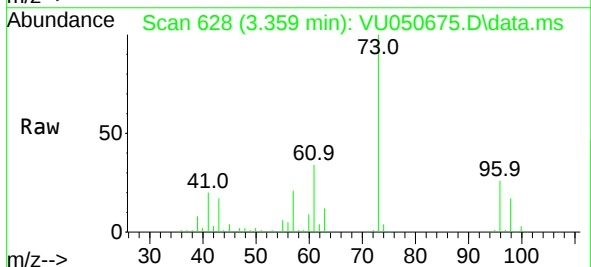
Tgt Ion: 73 Resp: 383833

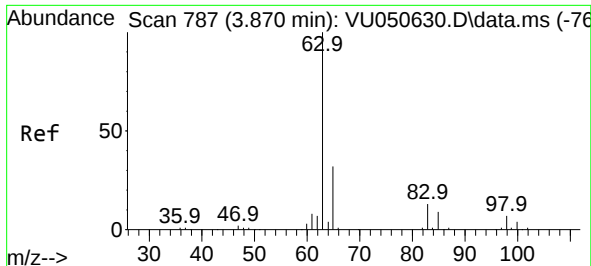
Ion Ratio Lower Upper

73 100

43 16.9 13.4 20.2

57 21.7 17.8 26.8





#19

1,1-Dichloroethane

Concen: 45.629 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD050193

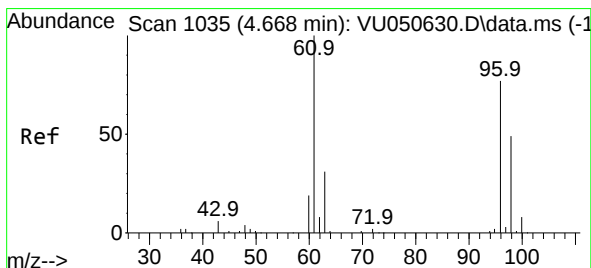
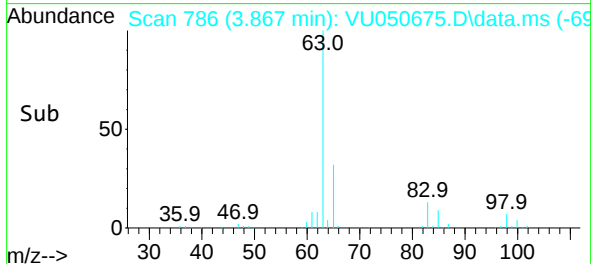
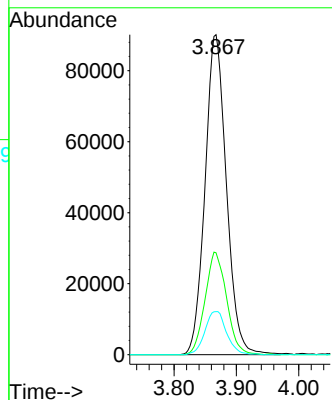
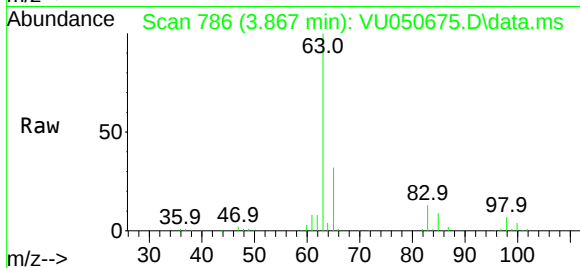
Tgt Ion: 63 Resp: 214580

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

83 13.4 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 47.407 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

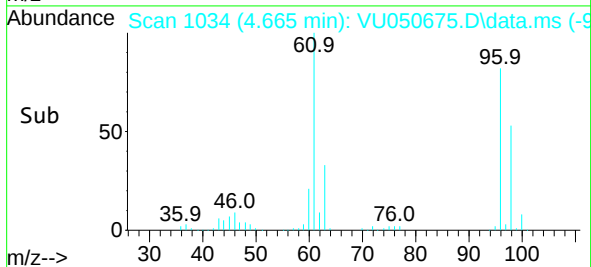
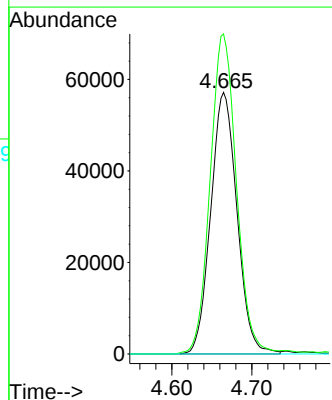
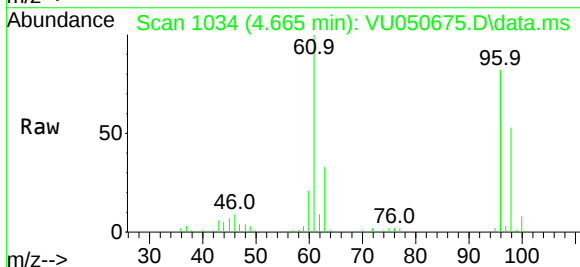
Tgt Ion: 96 Resp: 130378

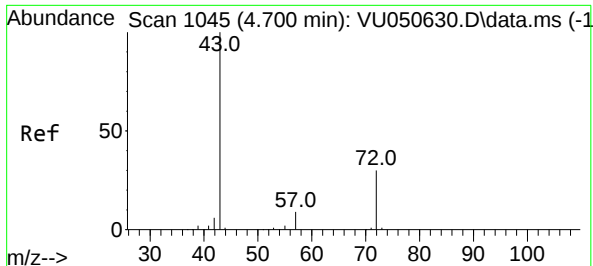
Ion Ratio Lower Upper

96 100

61 122.3 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 93.293 ug/L

RT: 4.697 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

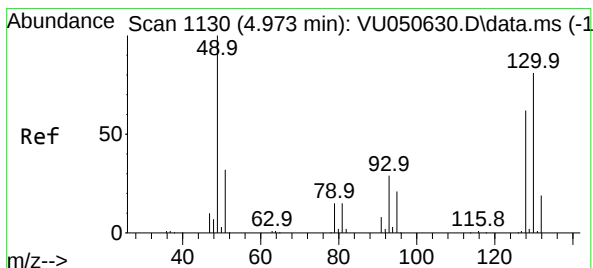
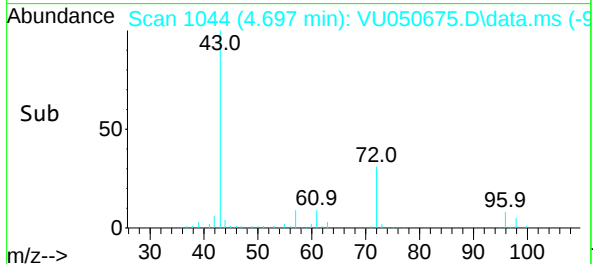
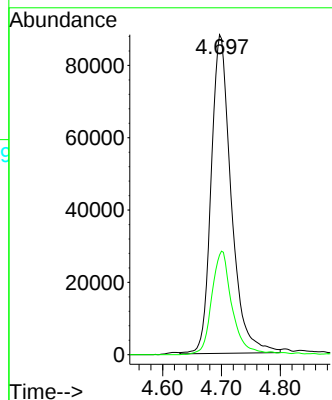
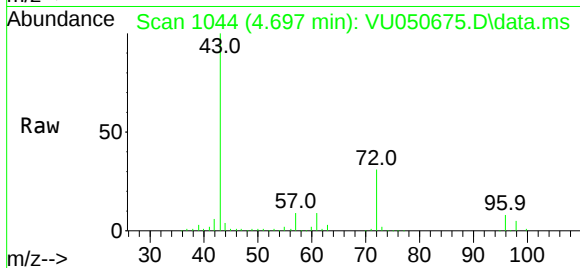
VSTD050193

Tgt Ion: 43 Resp: 208507

Ion Ratio Lower Upper

43 100

72 32.6 14.6 44.0



#23

Bromochloromethane

Concen: 51.190 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Tgt Ion:128 Resp: 72748

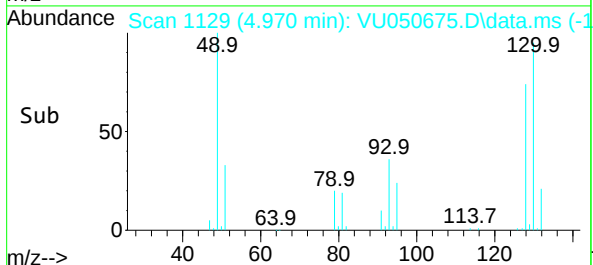
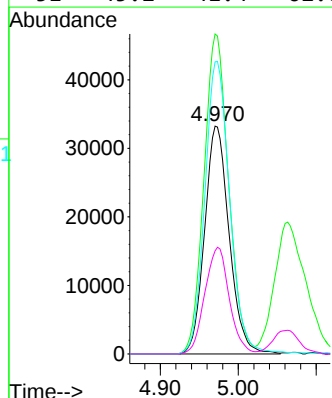
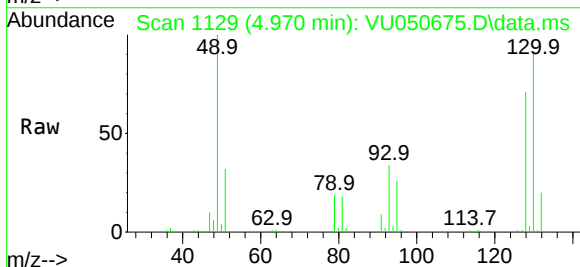
Ion Ratio Lower Upper

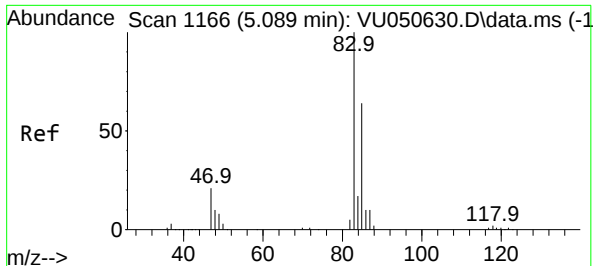
128 100

49 140.5 112.5 208.9

130 128.2 91.8 170.4

51 45.2 41.4 62.0





#25

Chloroform

Concen: 49.552 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

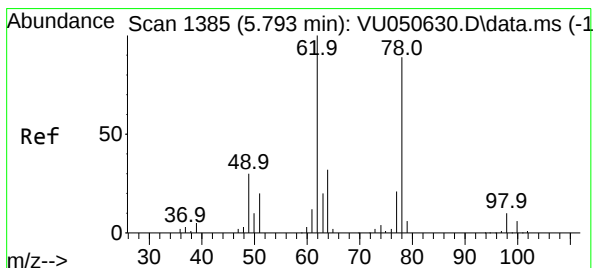
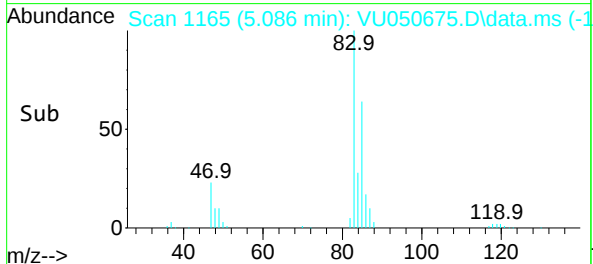
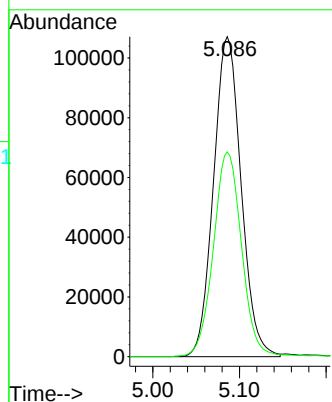
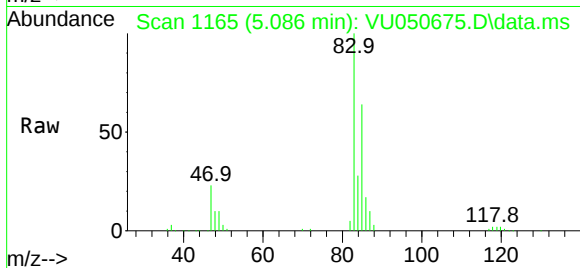
VSTD050193

Tgt Ion: 83 Resp: 237409

Ion Ratio Lower Upper

83 100

85 64.0 45.6 84.8



#27

1,2-Dichloroethane

Concen: 51.500 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050675.D

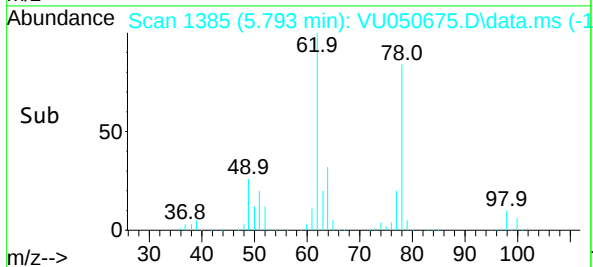
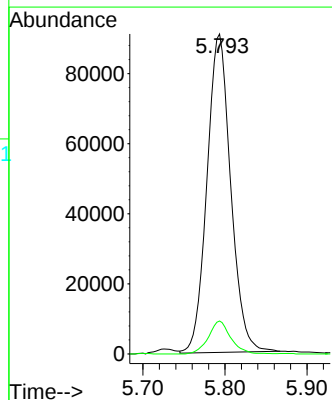
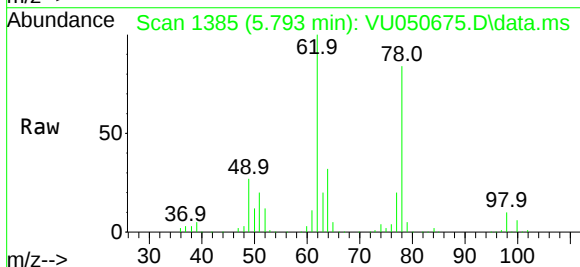
Acq: 07 Sep 2022 21:02

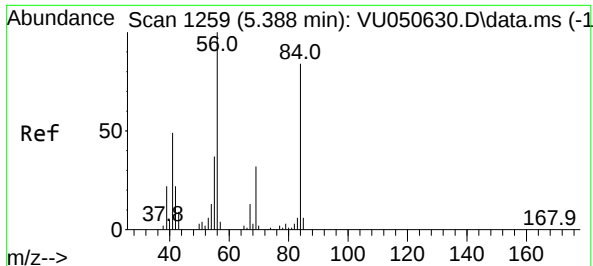
Tgt Ion: 62 Resp: 182880

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.2





#29

Cyclohexane

Concen: 33.559 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD050193

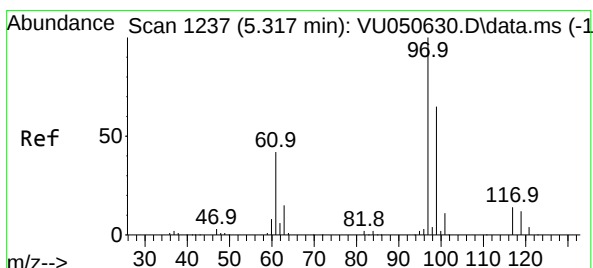
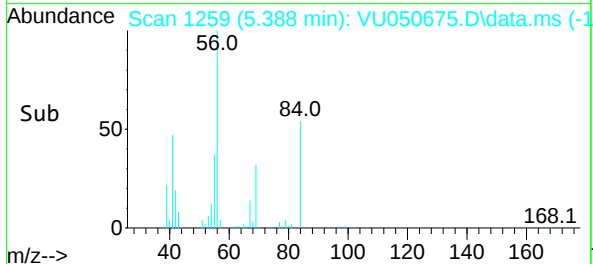
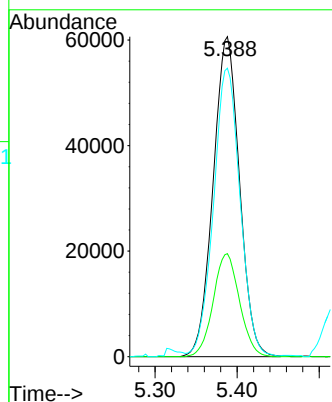
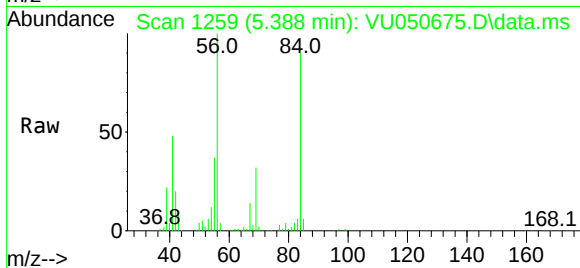
Tgt Ion: 56 Resp: 135606

Ion Ratio Lower Upper

56 100

69 32.0 24.6 37.0

84 91.0 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 45.661 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

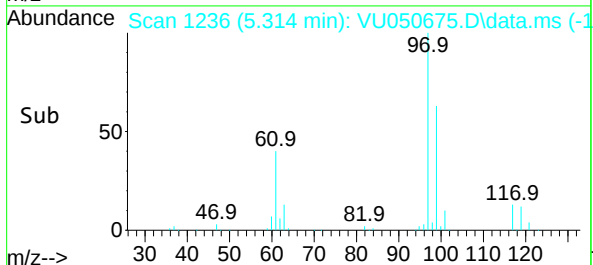
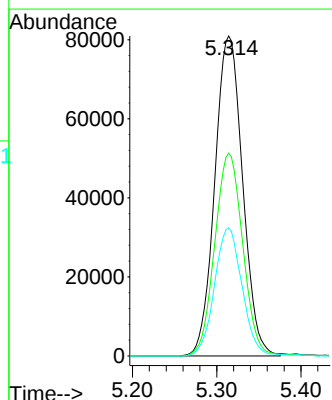
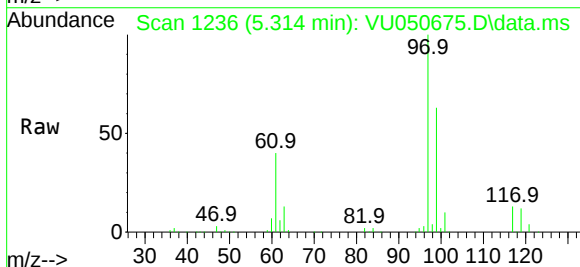
Tgt Ion: 97 Resp: 185562

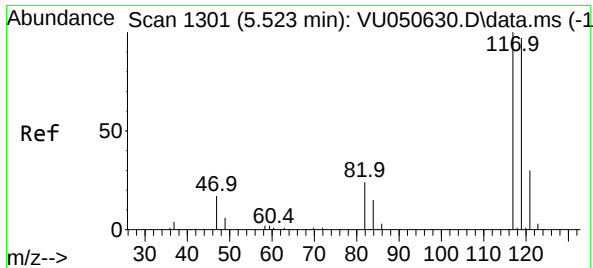
Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

61 39.7 34.2 51.4

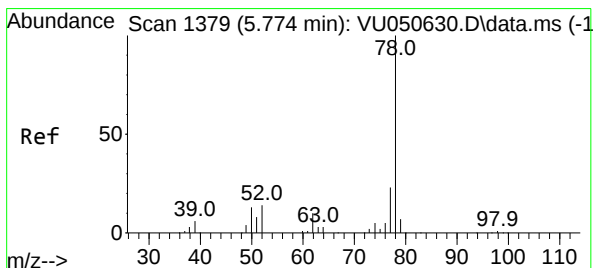
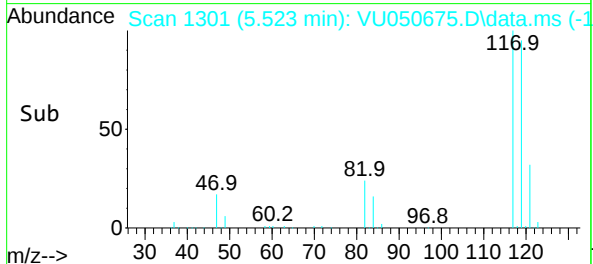
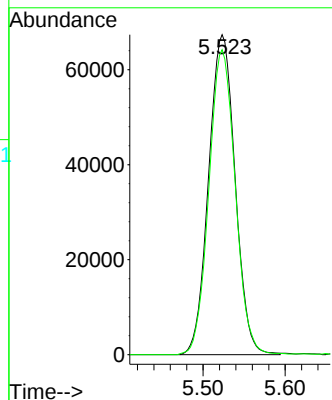
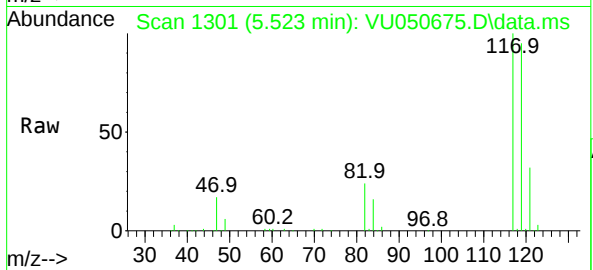




#31
Carbon tetrachloride
Concen: 45.349 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

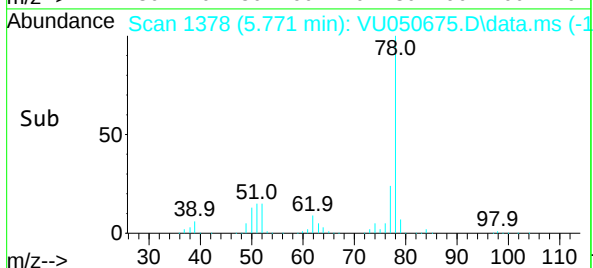
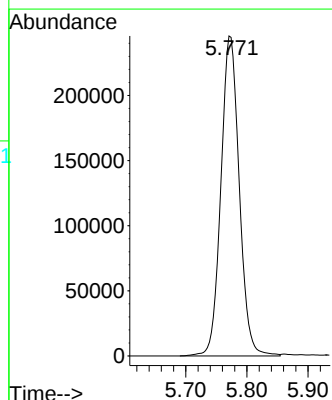
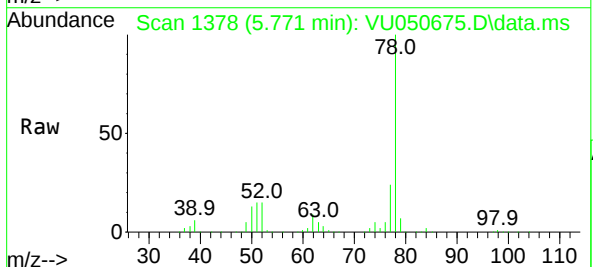
Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

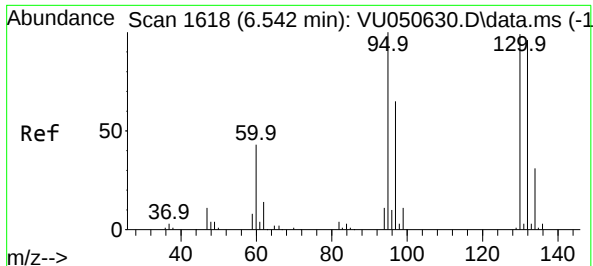
Tgt Ion:117 Resp: 150993
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.2



#33
Benzene
Concen: 46.675 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion: 78 Resp: 512521



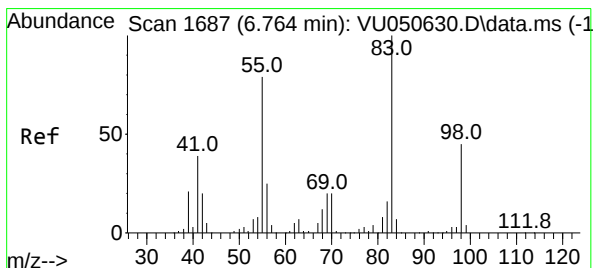
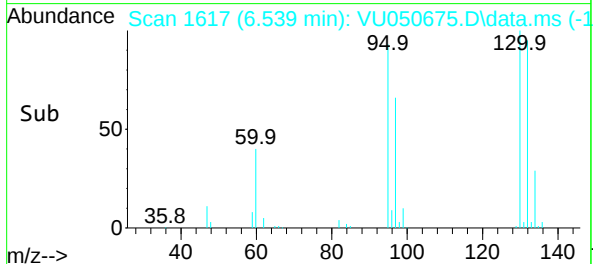
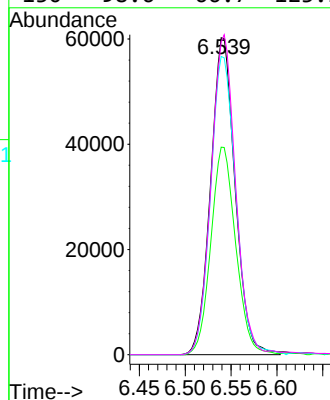
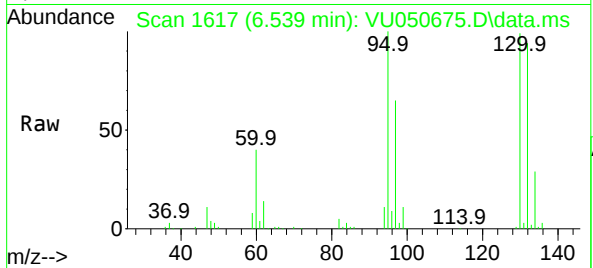


#34
Trichloroethene
Concen: 43.850 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

Tgt Ion: 95 Resp: 112195

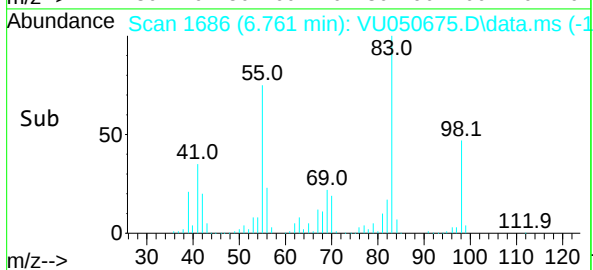
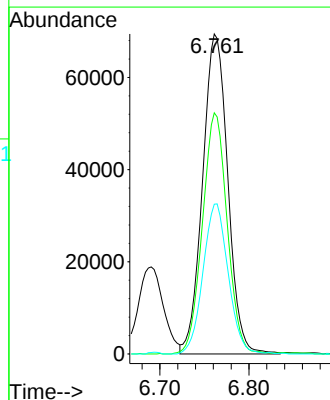
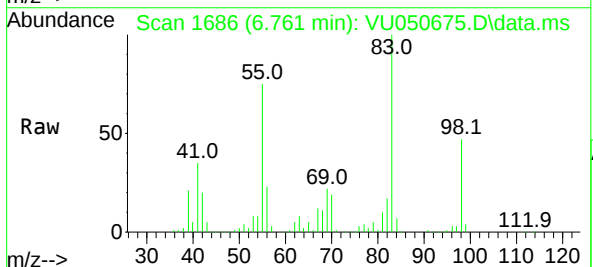
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.4	84.2
132	94.1	65.2	121.2
130	98.6	66.7	123.9

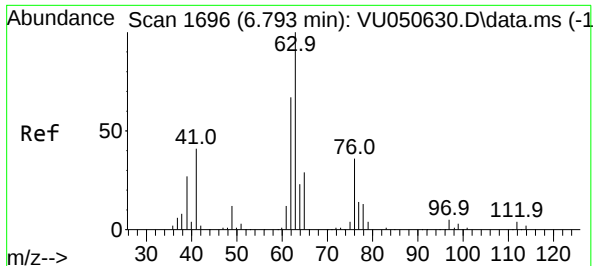


#35
Methylcyclohexane
Concen: 33.563 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion: 83 Resp: 136524

Ion	Ratio	Lower	Upper
83	100		
55	73.9	62.6	93.8
98	46.8	35.5	53.3

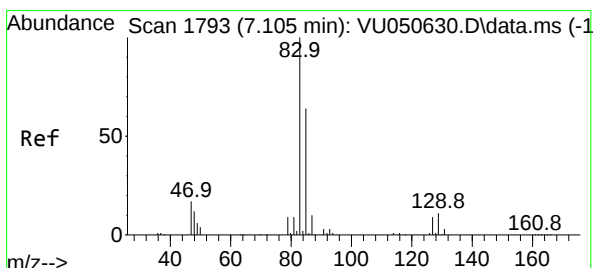
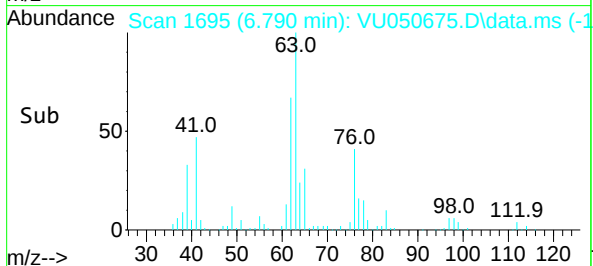
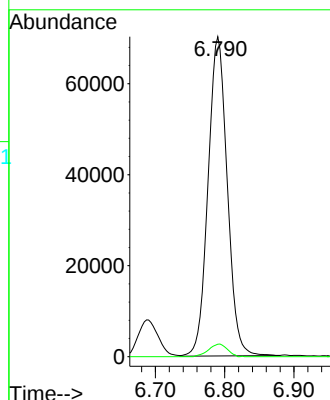
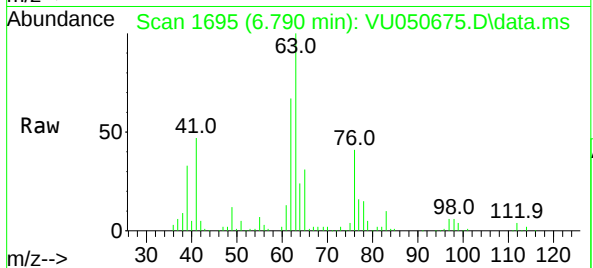




#37
1,2-Dichloropropane
Concen: 46.543 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

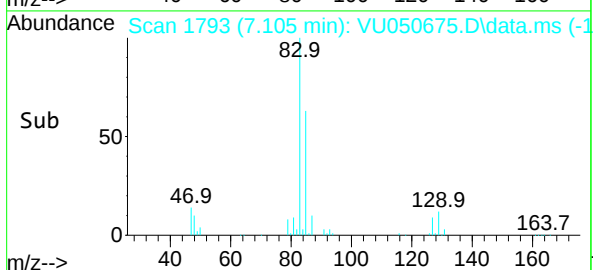
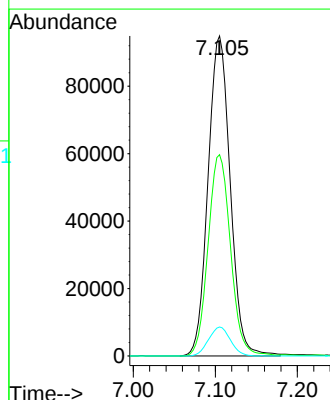
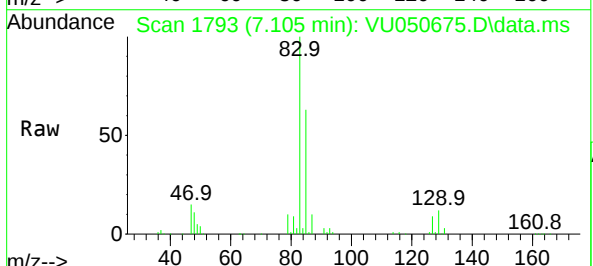
Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

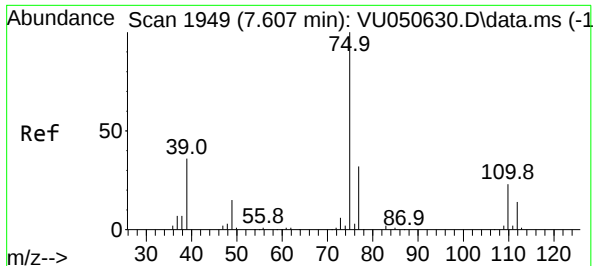
Tgt Ion: 63 Resp: 134997
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.4



#38
Bromodichloromethane
Concen: 52.234 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion: 83 Resp: 178216
Ion Ratio Lower Upper
83 100
85 62.9 44.9 83.5
127 9.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 49.594 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

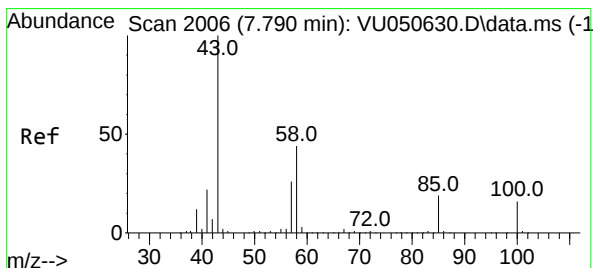
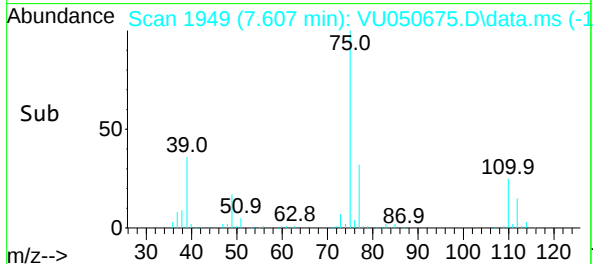
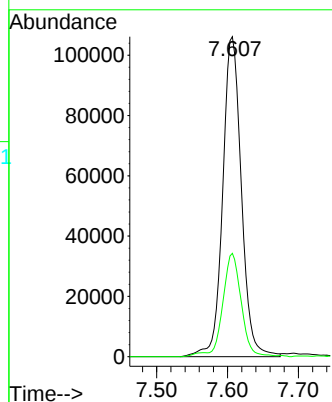
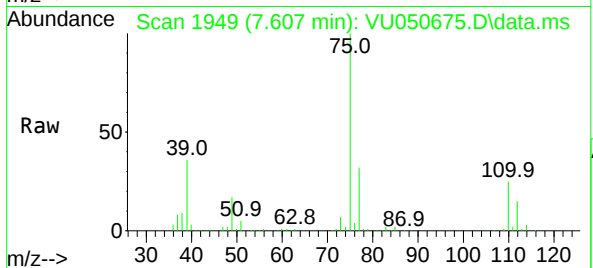
VSTD050193

Tgt Ion: 75 Resp: 194706

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 93.921 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

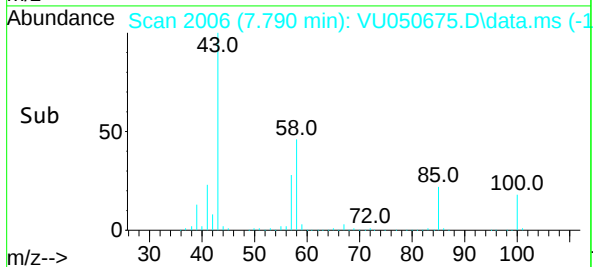
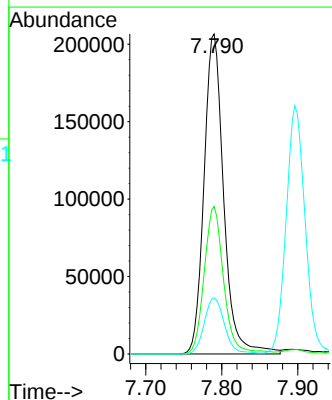
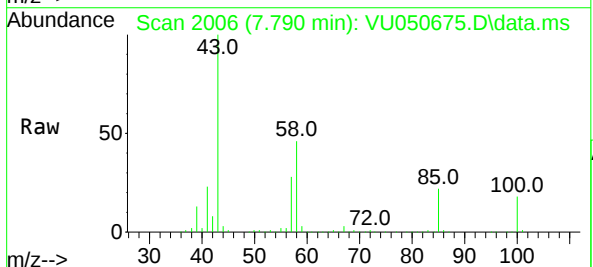
Tgt Ion: 43 Resp: 371230

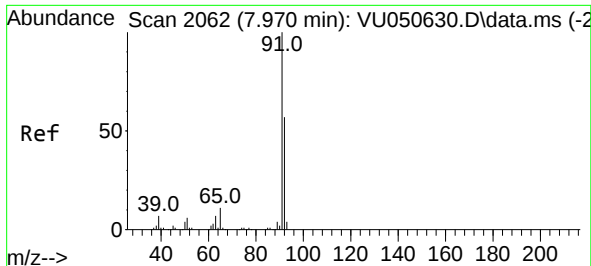
Ion Ratio Lower Upper

43 100

58 45.2 35.1 52.7

100 18.1 12.9 19.3





#42

Toluene

Concen: 47.128 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

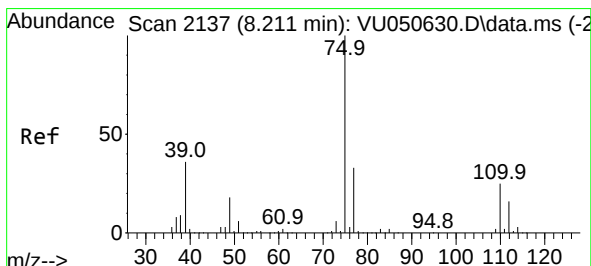
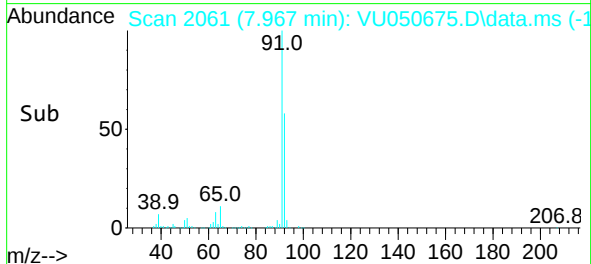
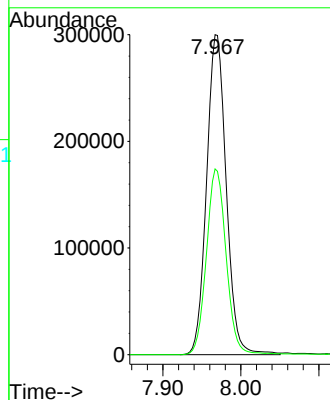
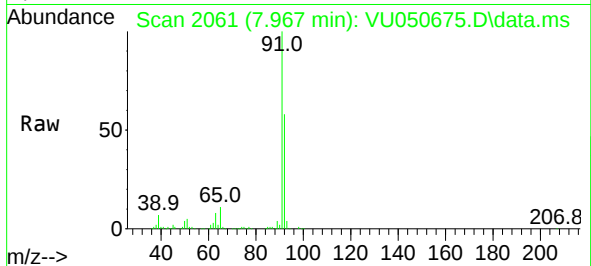
VSTD050193

Tgt Ion: 91 Resp: 525670

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 49.787 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU050675.D

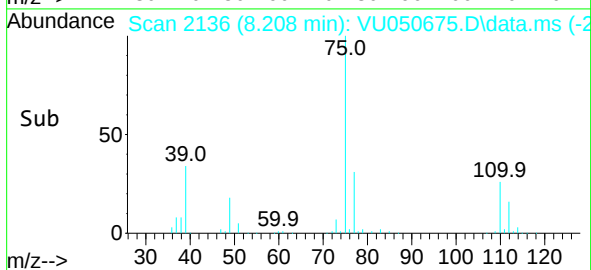
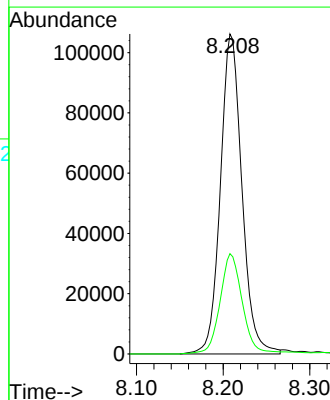
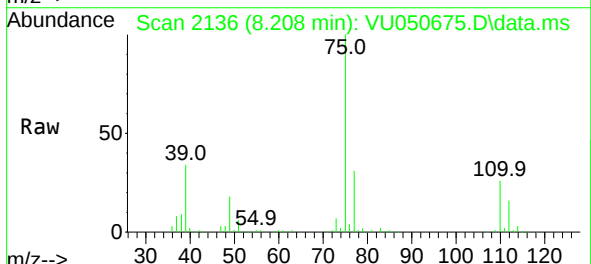
Acq: 07 Sep 2022 21:02

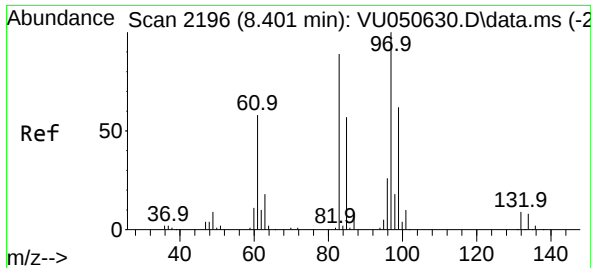
Tgt Ion: 75 Resp: 183391

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1

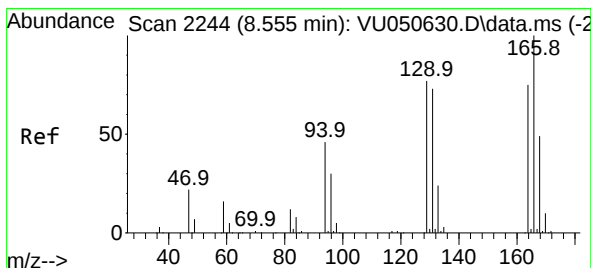
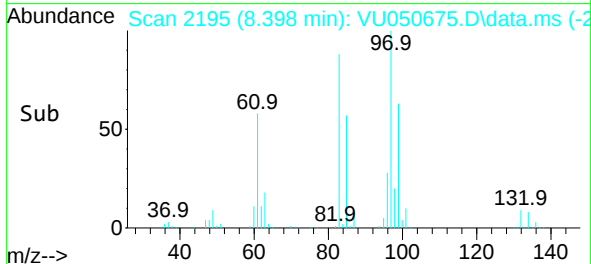
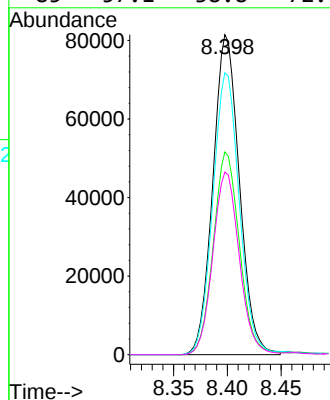
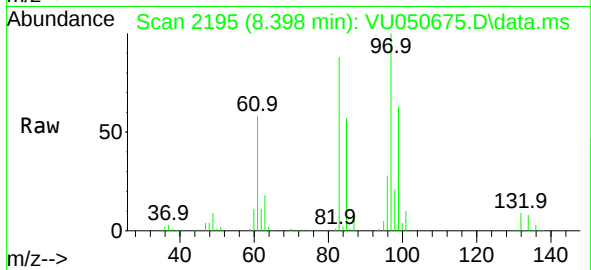




#45
1,1,2-Trichloroethane
Concen: 50.185 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

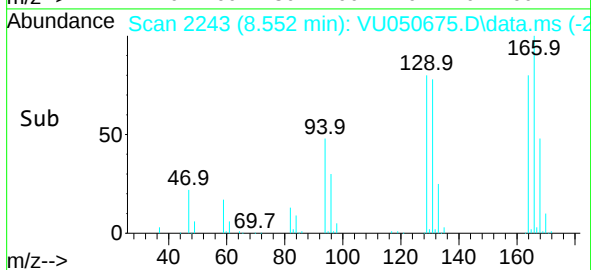
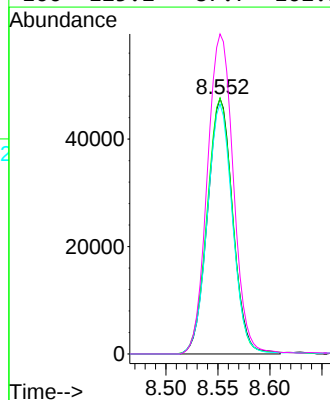
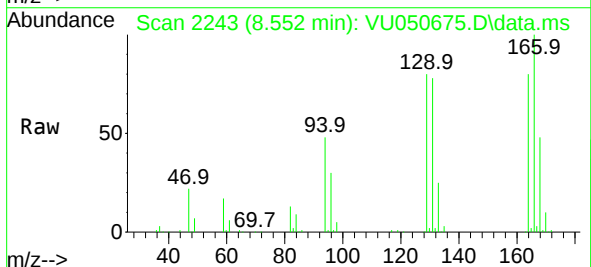
Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

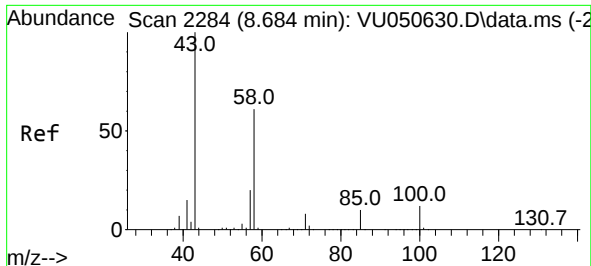
Tgt Ion:	97	Resp:	139828
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.5	80.9
83	88.1	61.6	114.4
85	57.1	38.8	72.0



#46
Tetrachloroethene
Concen: 43.023 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion:	164	Resp:	80401
Ion	Ratio	Lower	Upper
164	100		
129	100.1	68.7	127.5
131	97.8	66.2	123.0
166	125.2	87.7	162.9

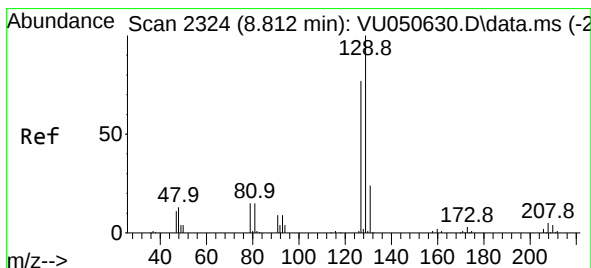
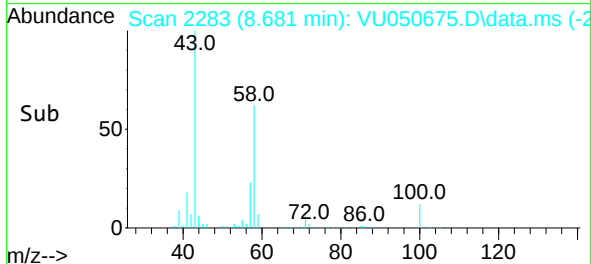
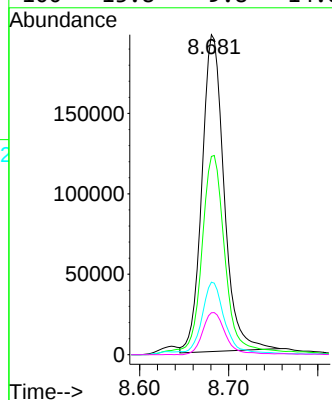
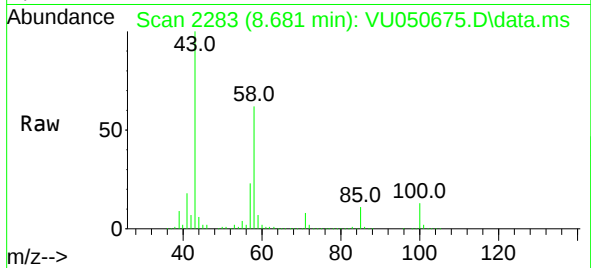




#48
2-Hexanone
Concen: 92.330 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

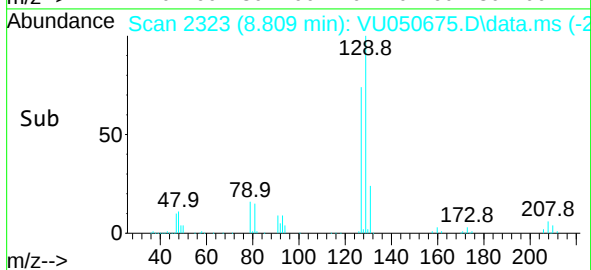
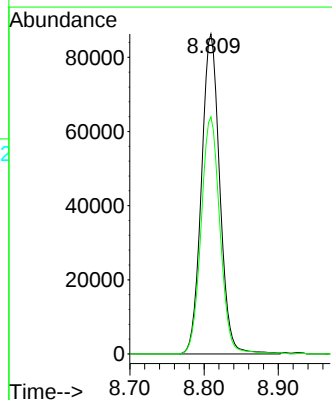
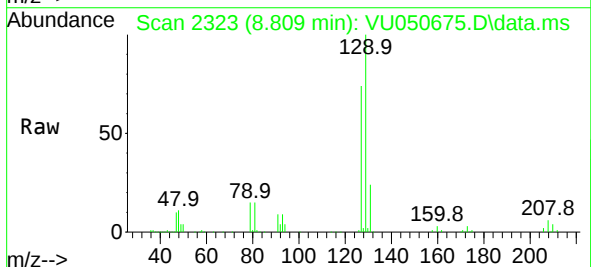
Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

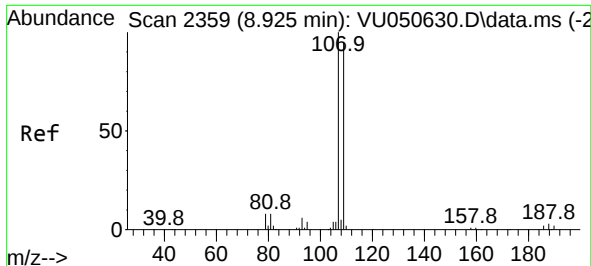
Tgt Ion: 43 Resp: 340582
Ion Ratio Lower Upper
43 100
58 67.2 51.8 77.6
57 23.1 17.0 25.4
100 13.8 9.8 14.8



#49
Dibromochloromethane
Concen: 55.563 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion: 129 Resp: 147663
Ion Ratio Lower Upper
129 100
127 74.1 53.8 100.0

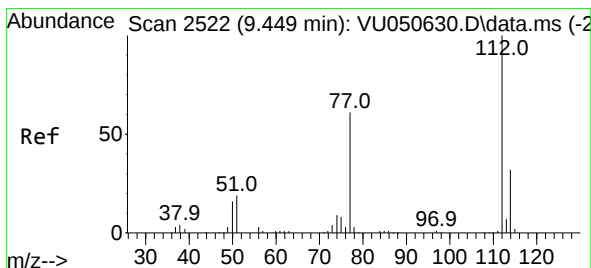
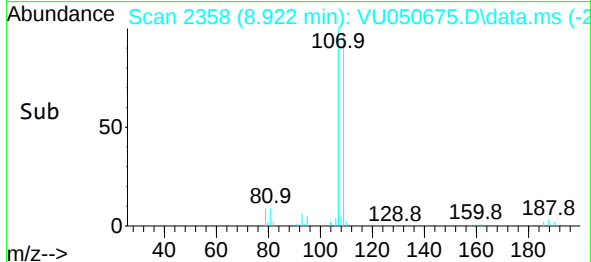
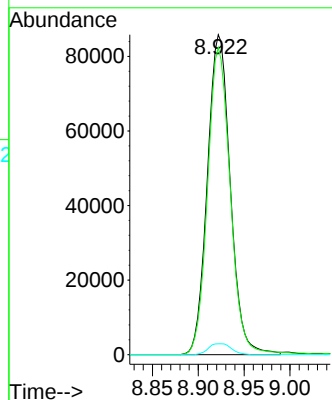
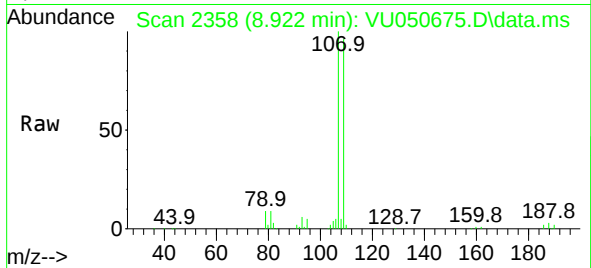




#50
1,2-Dibromoethane
Concen: 52.741 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

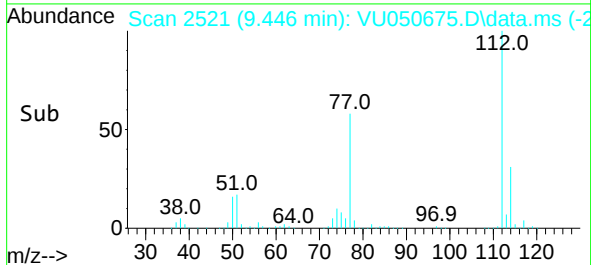
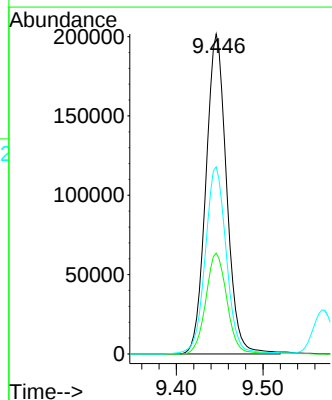
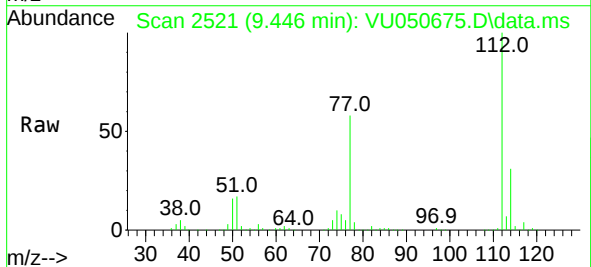
Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

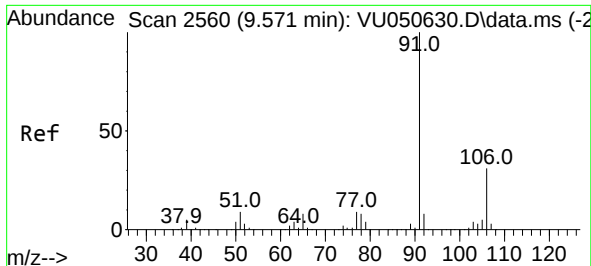
Tgt Ion:107 Resp: 149447
Ion Ratio Lower Upper
107 100
109 96.0 67.5 125.4
188 3.4 2.5 3.7



#51
Chlorobenzene
Concen: 48.412 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion:112 Resp: 335131
Ion Ratio Lower Upper
112 100
114 31.5 22.1 41.1
77 58.5 49.2 73.8

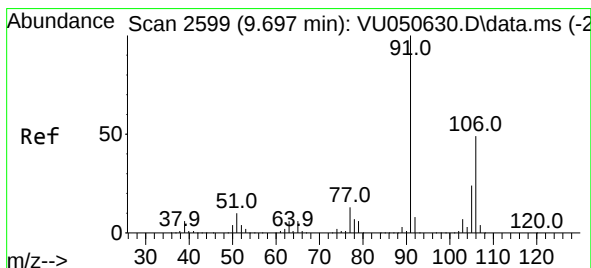
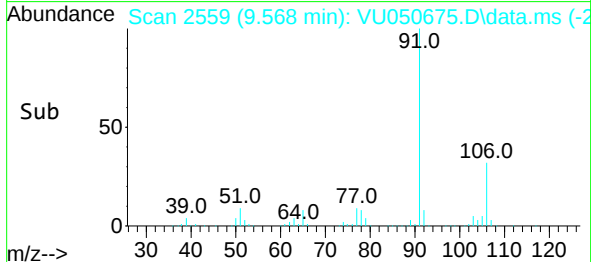
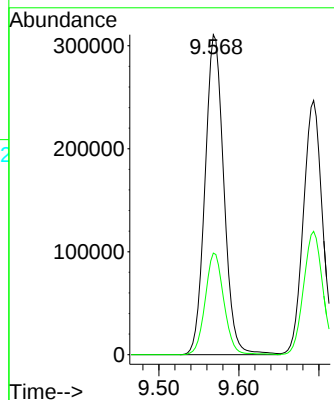
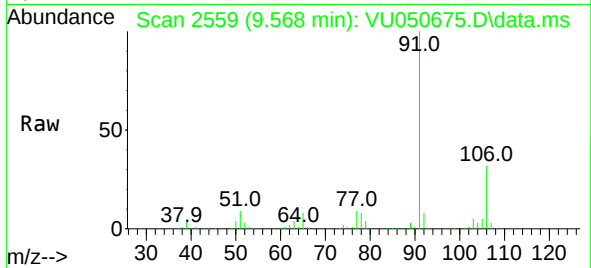




#52
Ethylbenzene
Concen: 46.274 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

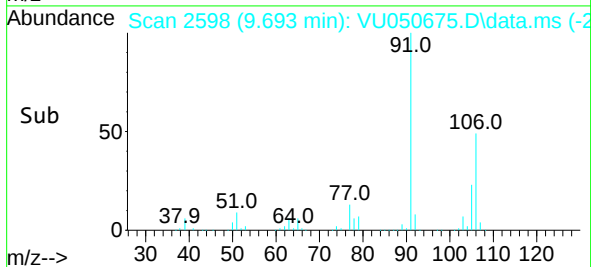
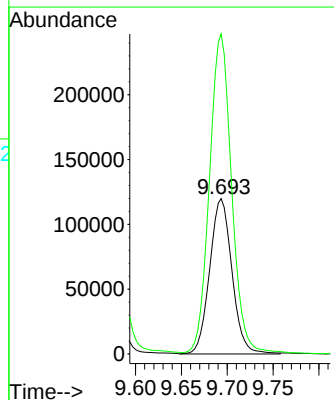
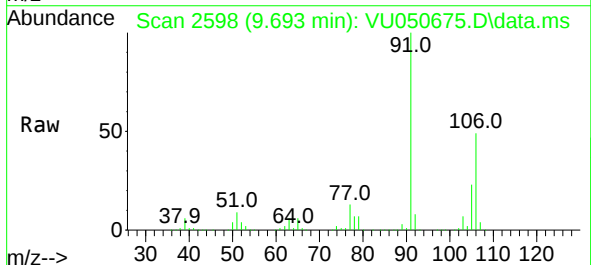
Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

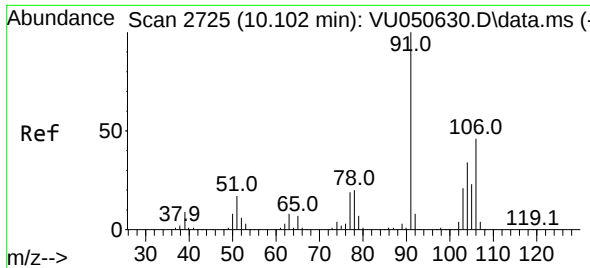
Tgt Ion: 91 Resp: 509884
Ion Ratio Lower Upper
91 100
106 31.7 21.2 39.4



#53
m,p-Xylene
Concen: 48.062 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion: 106 Resp: 202894
Ion Ratio Lower Upper
106 100
91 206.0 147.1 273.3

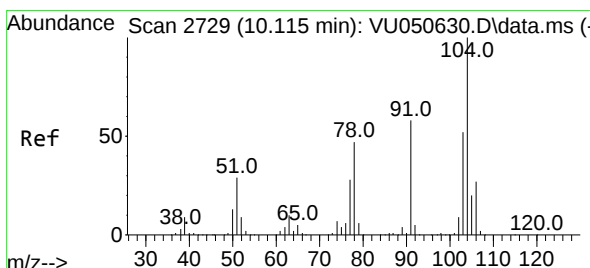
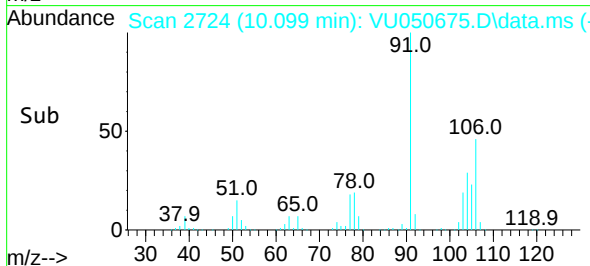
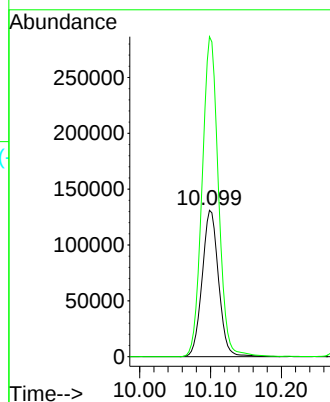
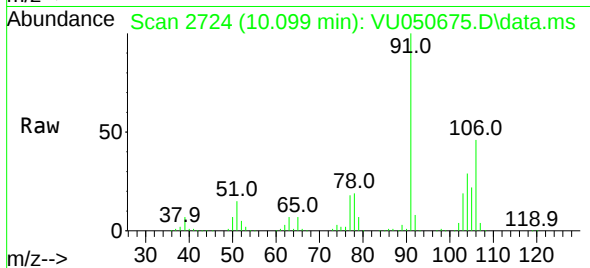




#54
o-Xylene
Concen: 50.084 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

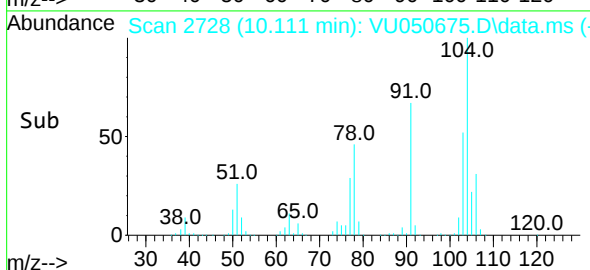
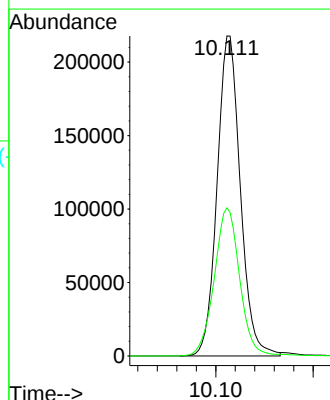
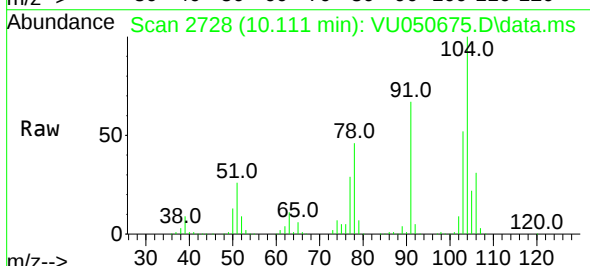
Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

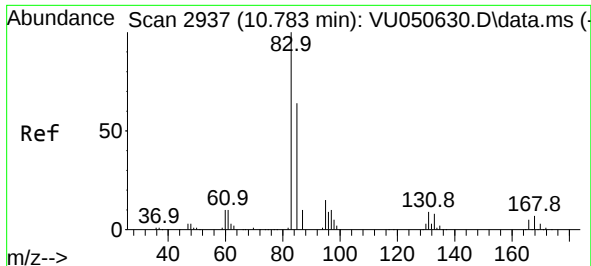
Tgt Ion:106 Resp: 210500
Ion Ratio Lower Upper
106 100
91 218.6 153.4 284.8



#55
Styrene
Concen: 52.163 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion:104 Resp: 360727
Ion Ratio Lower Upper
104 100
78 46.3 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 51.465 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD050193

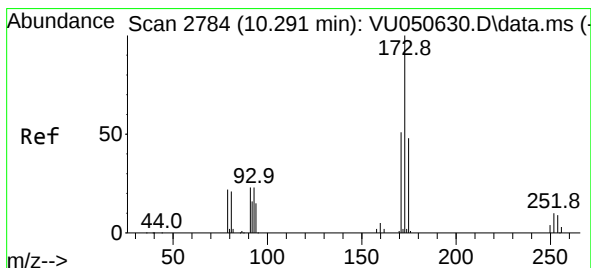
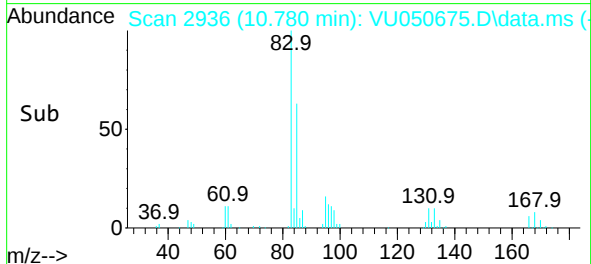
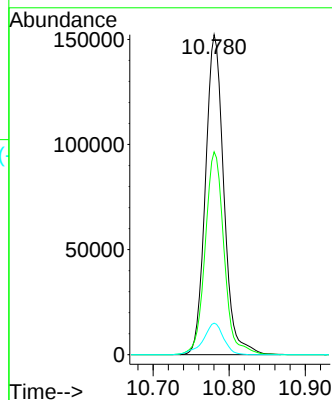
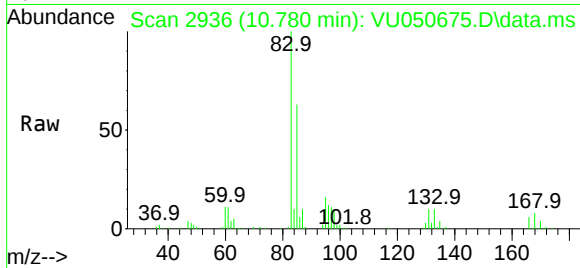
Tgt Ion: 83 Resp: 255421

Ion Ratio Lower Upper

83 100

85 63.4 45.5 84.5

131 9.9 7.7 11.5



#59

Bromoform

Concen: 51.246 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

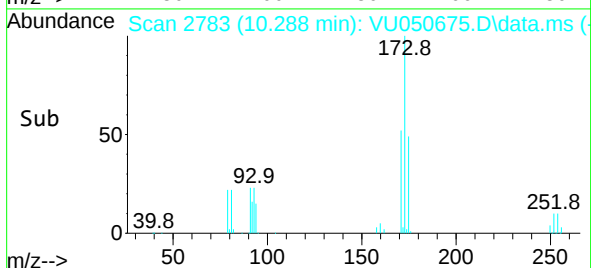
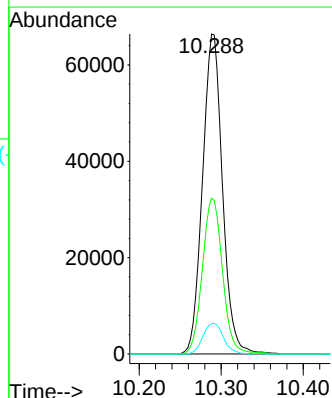
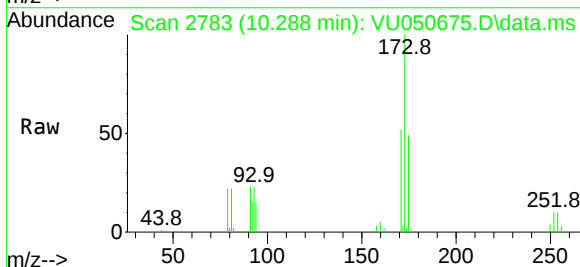
Tgt Ion: 173 Resp: 112220

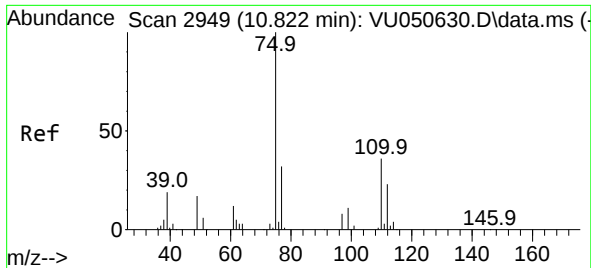
Ion Ratio Lower Upper

173 100

175 48.7 40.0 60.0

254 9.8 7.4 11.0

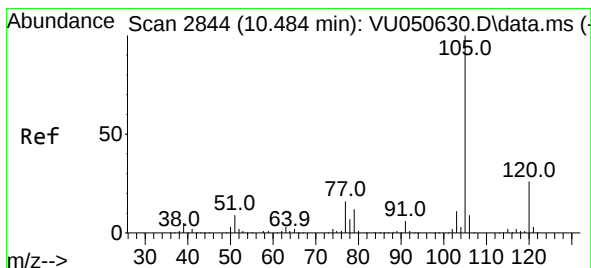
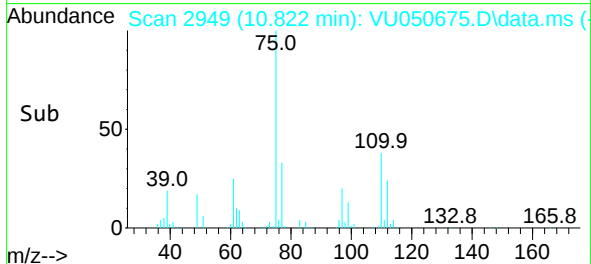
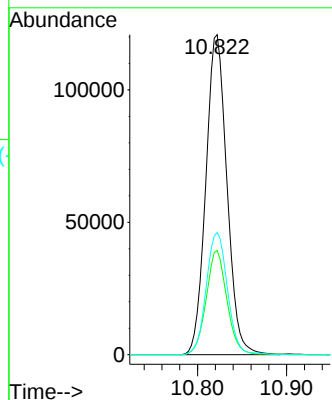
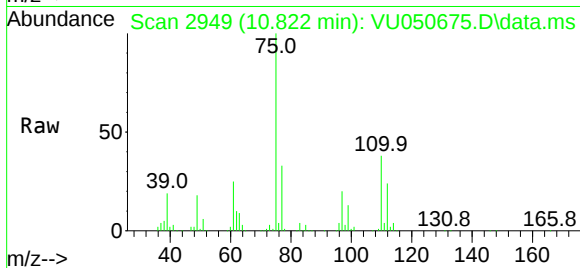




#60
1,2,3-Trichloropropane
Concen: 46.187 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

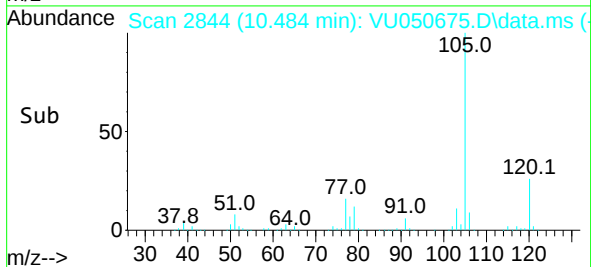
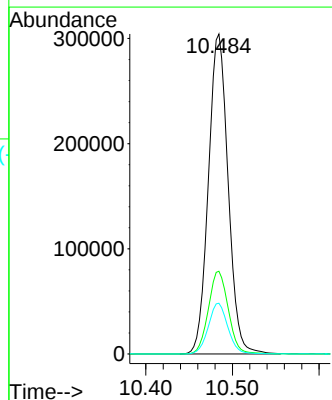
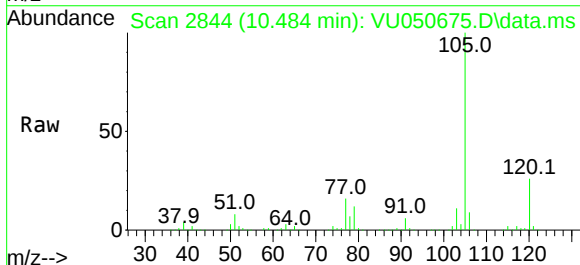
Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

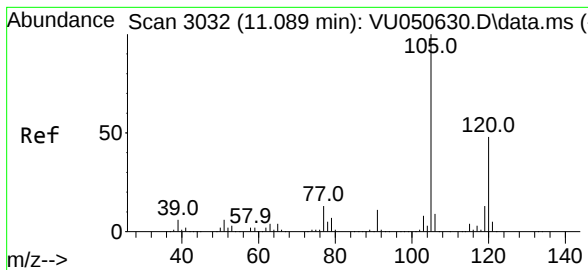
Tgt Ion:	75	Resp:	198901
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
110	38.4	29.3	43.9



#61
Isopropylbenzene
Concen: 41.384 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion:	105	Resp:	480789
Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.4	30.6
77	15.8	12.8	19.2





#62

1,3,5-Trimethylbenzene

Concen: 42.855 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

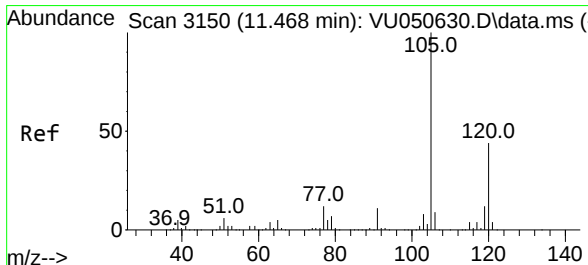
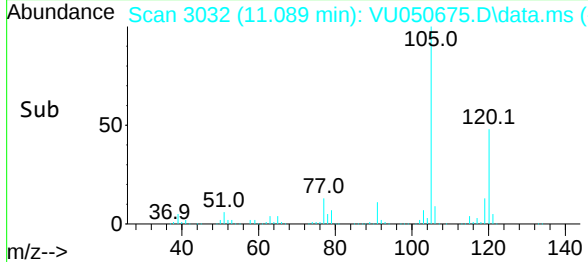
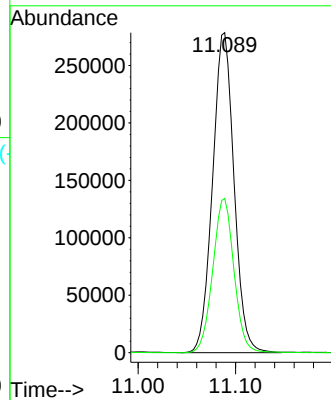
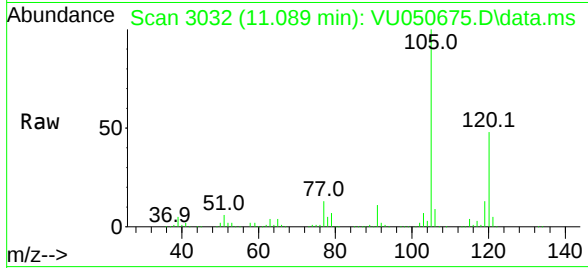
VSTD050193

Tgt Ion:105 Resp: 425637

Ion Ratio Lower Upper

105 100

120 47.6 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 44.431 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU050675.D

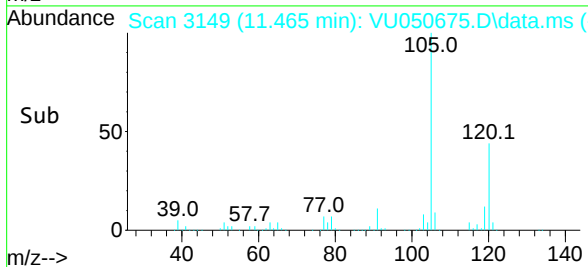
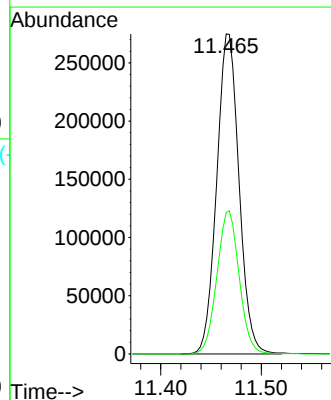
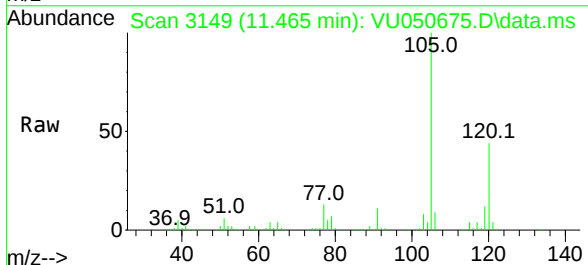
Acq: 07 Sep 2022 21:02

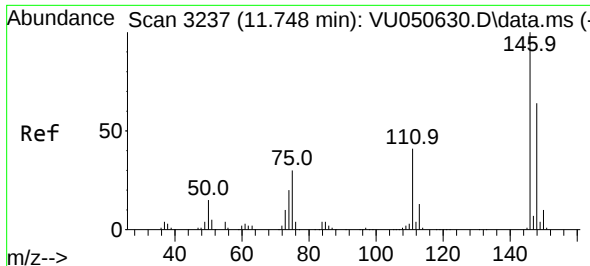
Tgt Ion:105 Resp: 423767

Ion Ratio Lower Upper

105 100

120 44.7 35.3 52.9

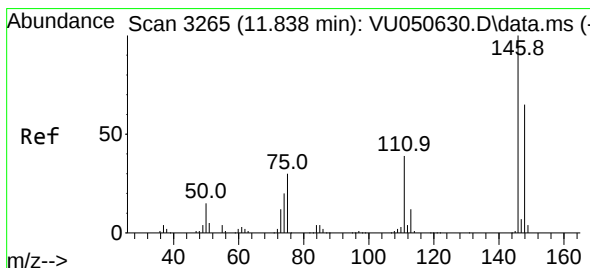
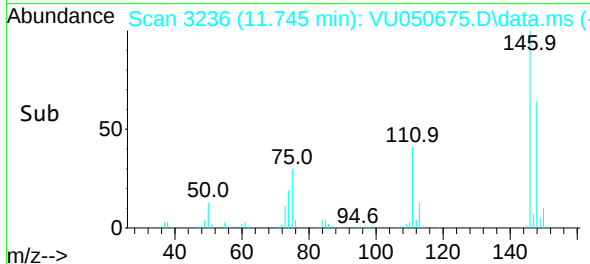
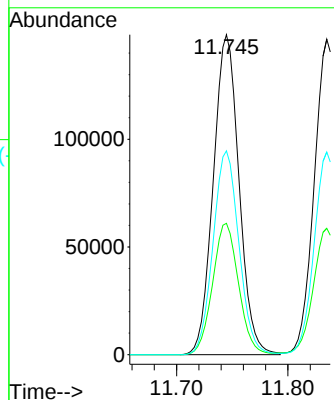
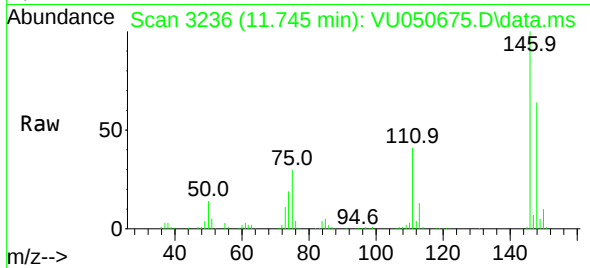




#64
1,3-Dichlorobenzene
Concen: 46.629 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

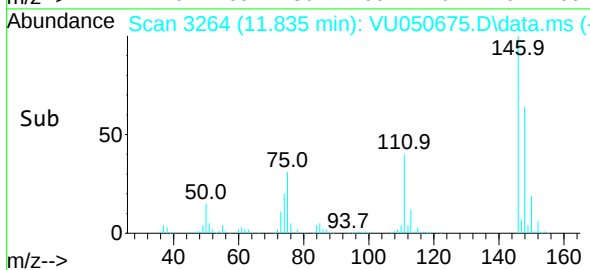
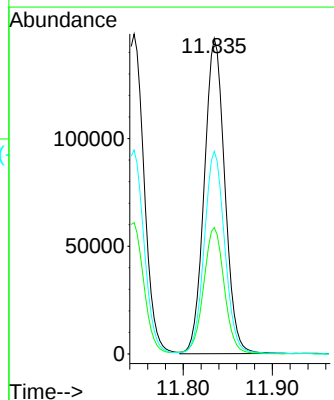
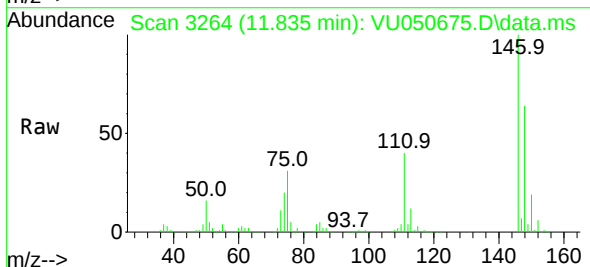
Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

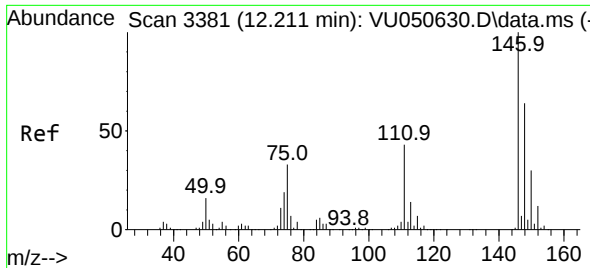
Tgt Ion:146 Resp: 238360
Ion Ratio Lower Upper
146 100
111 41.1 29.9 55.5
148 63.7 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 46.353 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050675.D
Acq: 07 Sep 2022 21:02

Tgt Ion:146 Resp: 234210
Ion Ratio Lower Upper
146 100
111 40.1 27.9 51.7
148 64.3 44.4 82.4

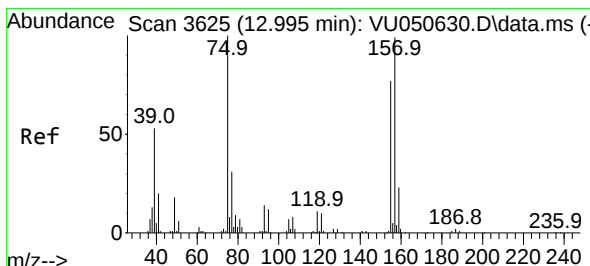
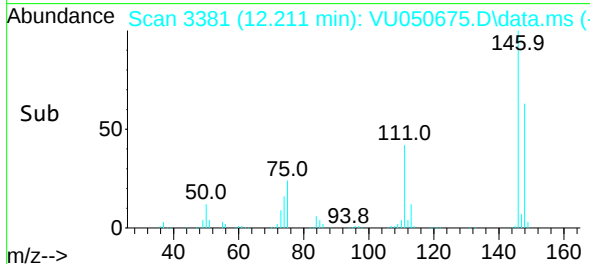
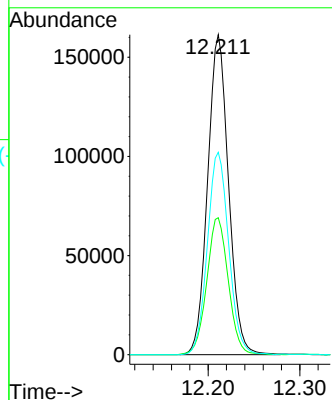
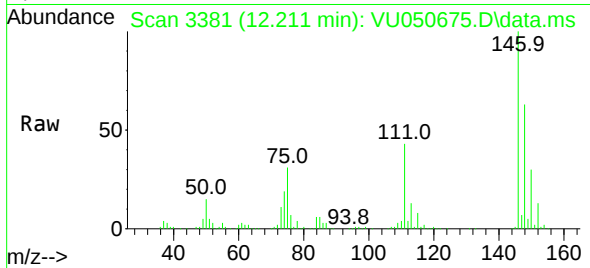




#67
 1,2-Dichlorobenzene
 Concen: 46.927 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU050675.D
 Acq: 07 Sep 2022 21:02

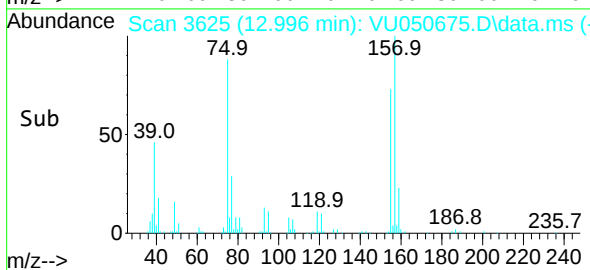
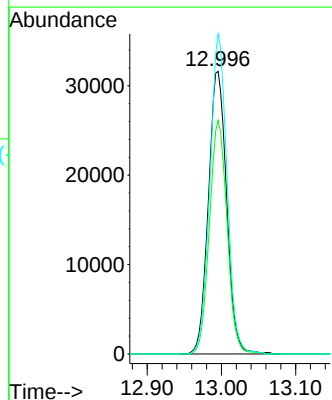
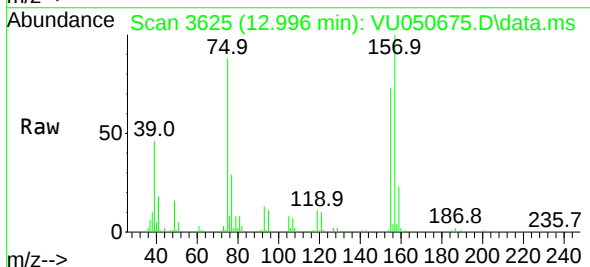
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050193

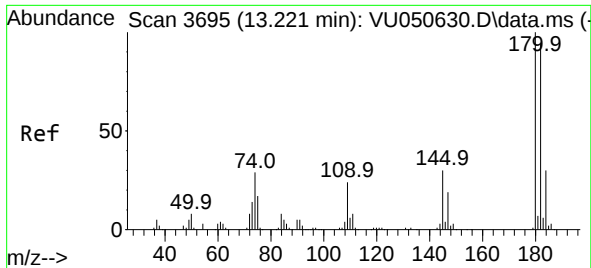
Tgt Ion:146 Resp: 255486
 Ion Ratio Lower Upper
 146 100
 111 42.8 35.1 52.7
 148 63.2 51.8 77.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 47.389 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU050675.D
 Acq: 07 Sep 2022 21:02

Tgt Ion: 75 Resp: 53892
 Ion Ratio Lower Upper
 75 100
 155 82.7 67.8 101.6
 157 113.2 82.6 124.0

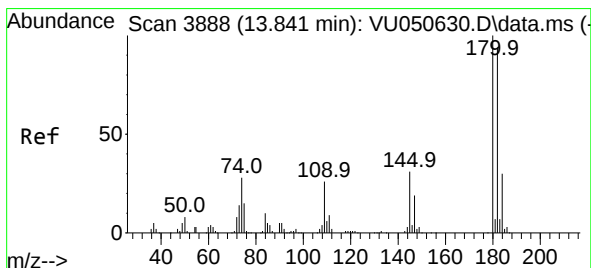
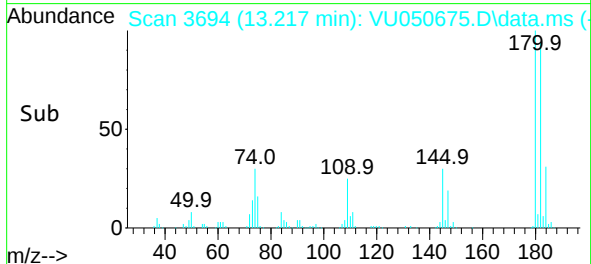
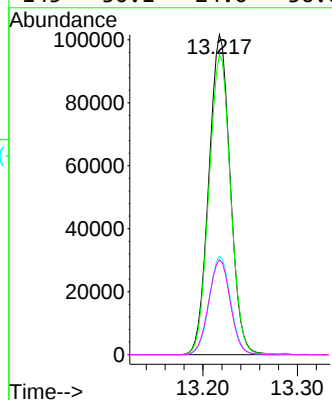
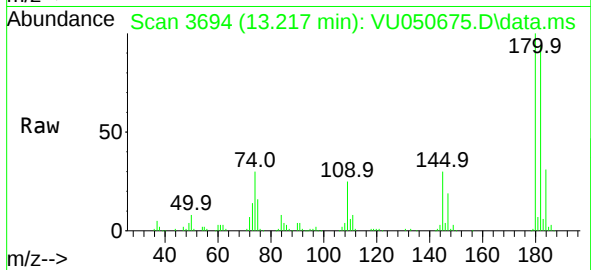




#69
 1,3,5-Trichlorobenzene
 Concen: 43.031 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU050675.D
 Acq: 07 Sep 2022 21:02

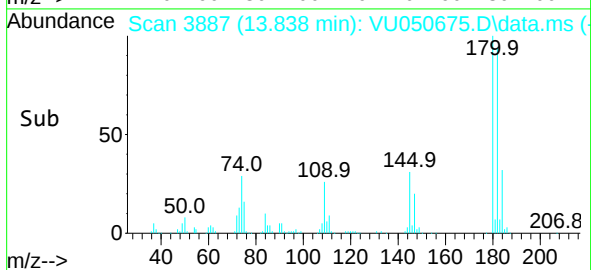
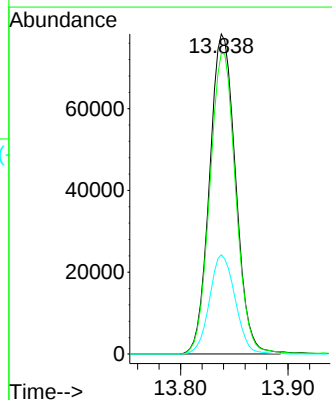
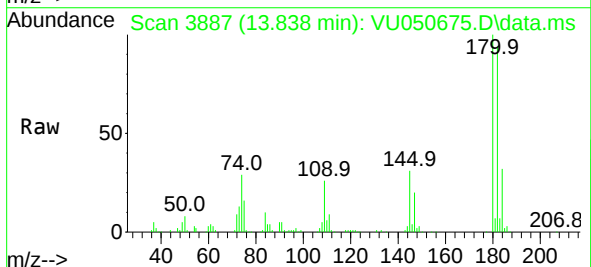
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050193

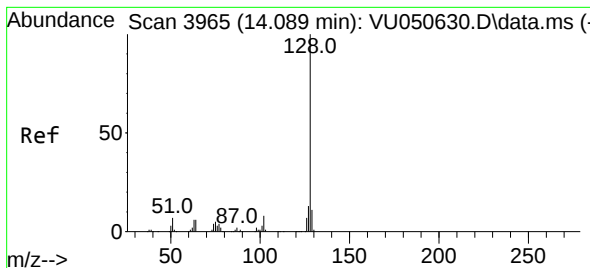
Tgt Ion:180 Resp: 159632
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.3 112.9
 184 30.8 23.8 35.8
 145 30.1 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 41.726 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU050675.D
 Acq: 07 Sep 2022 21:02

Tgt Ion:180 Resp: 131437
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.2 114.2
 145 30.5 24.7 37.1





#71

Naphthalene

Concen: 43.328 ug/L

RT: 14.086 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD050193

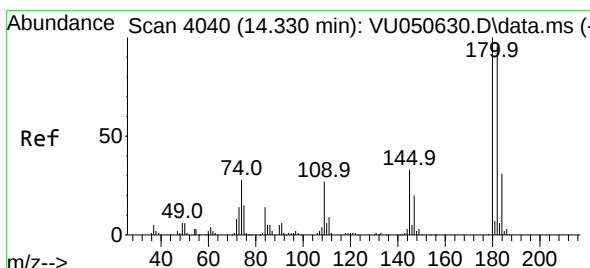
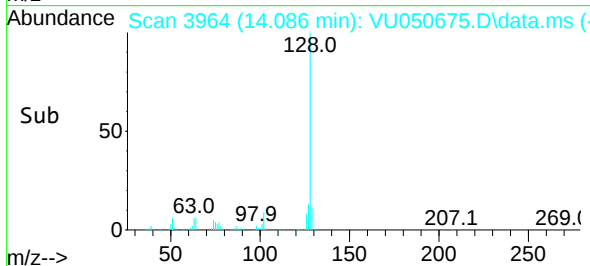
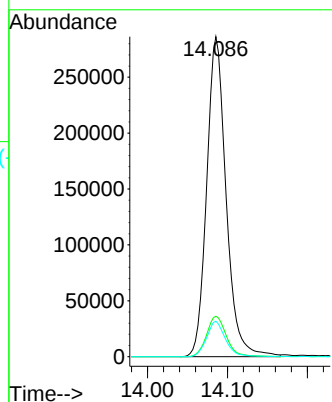
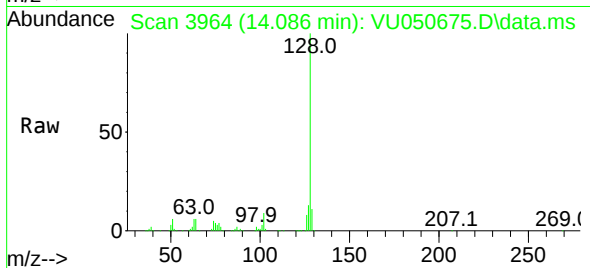
Tgt Ion:128 Resp: 483910

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.8 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 43.442 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU050675.D

Acq: 07 Sep 2022 21:02

Tgt Ion:180 Resp: 148190

Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

145 32.7 26.4 39.6

