

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011821\
 Data File : VU042093.D
 Acq On : 18 Jan 2021 14:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050162

Quant Time: Jan 19 01:04:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 01:00:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	294404	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	283556	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	150837	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	121880	37.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.50%
7) Chloroethane-d5	1.916	69	98933	38.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.12%
11) 1,1-Dichloroethene-d2	2.578	63	206559	39.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.80%
21) 2-Butanone-d5	4.639	46	154277	63.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.03%
24) Chloroform-d	5.079	84	205534	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.38%
26) 1,2-Dichloroethane-d4	5.713	65	126135	40.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.36%
32) Benzene-d6	5.739	84	409482	41.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.64%
36) 1,2-Dichloropropane-d6	6.700	67	131995	41.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.42%
41) Toluene-d8	7.902	98	389234	46.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.38%
43) trans-1,3-Dichloroprop...	8.182	79	68031	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.08%
47) 2-Hexanone-d5	8.639	63	126058	73.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.82%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	188803	41.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.50%
66) 1,2-Dichlorobenzene-d4	12.188	152	146624	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	128638	45.67	ug/L	100
3) Chloromethane	1.523	50	124938	37.97	ug/L	98
5) Vinyl chloride	1.607	62	133248	39.36	ug/L	99
6) Bromomethane	1.861	94	88626	42.87	ug/L	97
8) Chloroethane	1.938	64	80409	38.80	ug/L	99
9) Trichlorofluoromethane	2.144	101	174636	41.28	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	104507	44.34	ug/L	95
12) 1,1-Dichloroethene	2.588	96	100145	44.58	ug/L	90
13) Acetone	2.642	43	149291	72.08	ug/L	97
14) Carbon disulfide	2.803	76	305432	41.99	ug/L	100
15) Methyl Acetate	2.961	43	113868	35.03	ug/L	96
16) Methylene chloride	3.057	84	115567	44.25	ug/L	89
17) trans-1,2-Dichloroethene	3.366	96	102183	43.26	ug/L	94
18) Methyl tert-butyl Ether	3.375	73	322905	42.19	ug/L	98
19) 1,1-Dichloroethane	3.886	63	189272	40.50	ug/L	99
20) cis-1,2-Dichloroethene	4.681	96	110034	43.20	ug/L	95
22) 2-Butanone	4.719	43	186136	68.44	ug/L	92
23) Bromochloromethane	4.989	128	59223	48.46	ug/L	87
25) Chloroform	5.102	83	198751	42.79	ug/L	98
27) 1,2-Dichloroethane	5.806	62	147536	41.43	ug/L	96

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 Response via : Initial Calibration

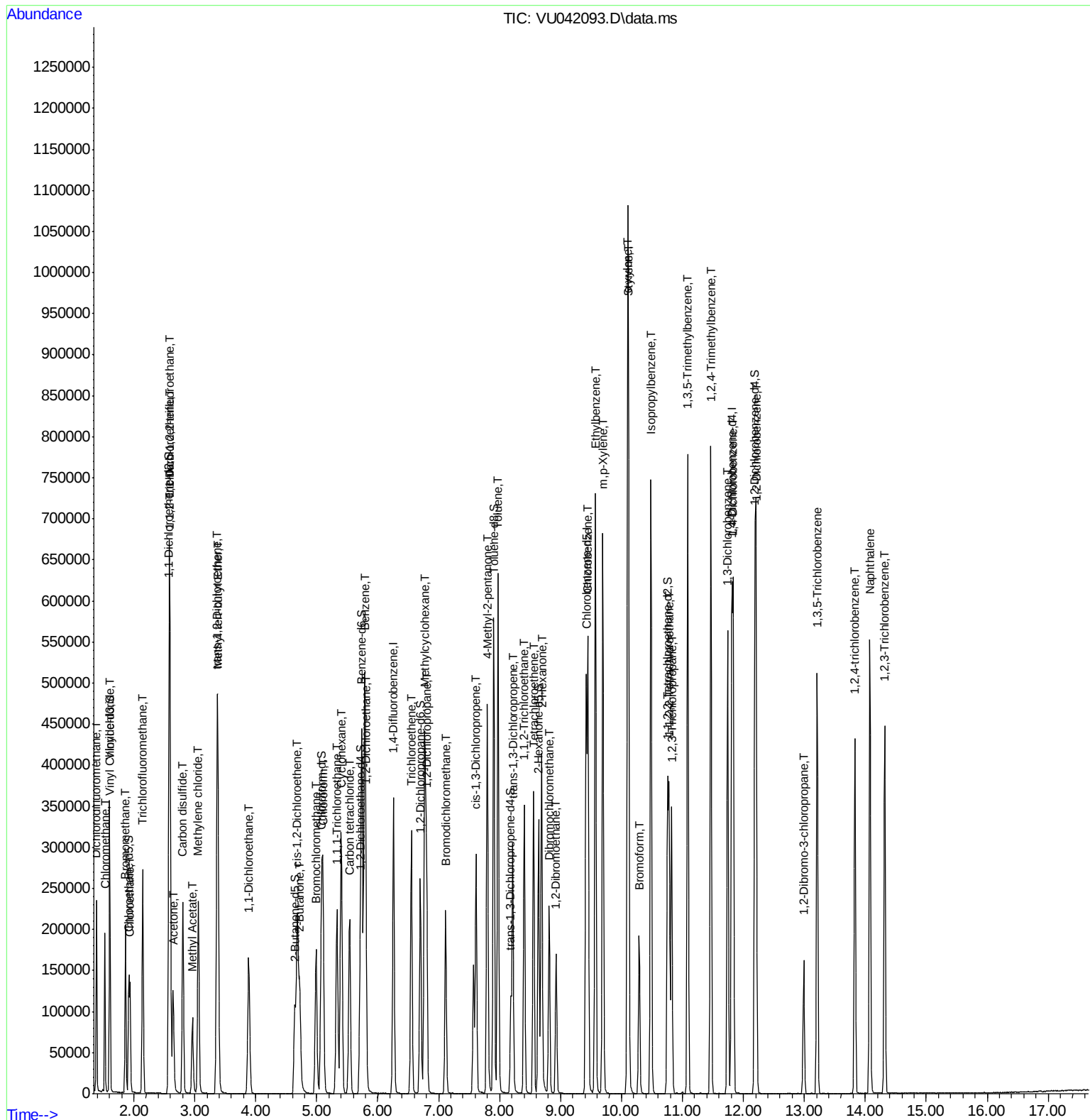
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.401	56	162941	38.20	ug/L	92
30) 1,1,1-Trichloroethane	5.330	97	167871	39.70	ug/L	97
31) Carbon tetrachloride	5.539	117	147612	41.99	ug/L	100
33) Benzene	5.787	78	443533	42.20	ug/L	100
34) Trichloroethene	6.552	95	112173	43.38	ug/L	95
35) Methylcyclohexane	6.774	83	168833	44.51	ug/L	97
37) 1,2-Dichloropropane	6.800	63	115328	41.80	ug/L	100
38) Bromodichloromethane	7.115	83	148321	43.28	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	178707	44.06	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	304925	71.49	ug/L	95
42) Toluene	7.973	91	470126	46.96	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	176443	45.28	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	108957	45.26	ug/L	98
46) Tetrachloroethene	8.558	164	83512	51.45	ug/L	95
48) 2-Hexanone	8.690	43	255957	72.51	ug/L	96
49) Dibromochloromethane	8.812	129	123379	48.12	ug/L	95
50) 1,2-Dibromoethane	8.928	107	117861	46.71	ug/L #	99
51) Chlorobenzene	9.449	112	297370	48.36	ug/L	98
52) Ethylbenzene	9.571	91	508926	47.67	ug/L	98
53) m,p-Xylene	9.693	106	195356	50.45	ug/L	93
54) o-xylene	10.102	106	188787	50.49	ug/L	93
55) Styrene	10.115	104	335038	50.88	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	187243	41.99	ug/L	99
59) Bromoform	10.291	173	89968	45.89	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	150834	38.26	ug/L	100
61) Isopropylbenzene	10.484	105	493663	46.71	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	417211	46.58	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	427027	47.64	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	233621	48.32	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	233737	48.35	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	230350	46.60	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.989	75	44280	35.43	ug/L	88
69) 1,3,5-Trichlorobenzene	13.211	180	157723	48.32	ug/L	99
70) 1,2,4-trichlorobenzene	13.828	180	132712	52.74	ug/L	99
71) Naphthalene	14.076	128	435293	50.24	ug/L	99
72) 1,2,3-Trichlorobenzene	14.317	180	132983	51.59	ug/L	97

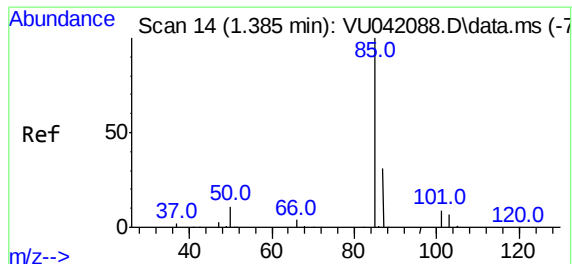
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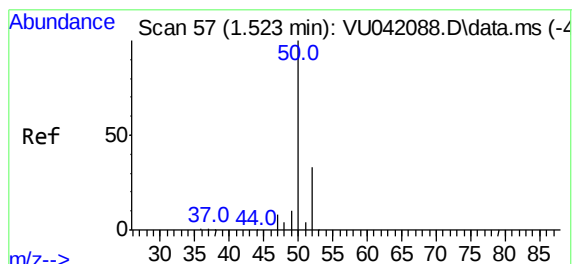
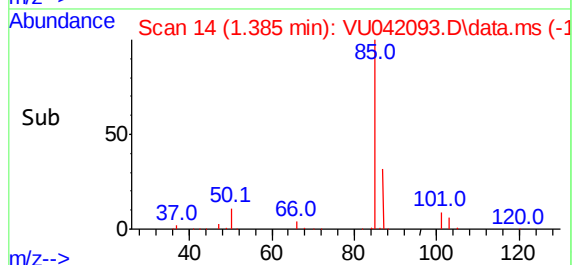
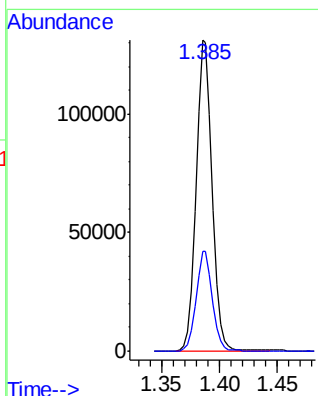
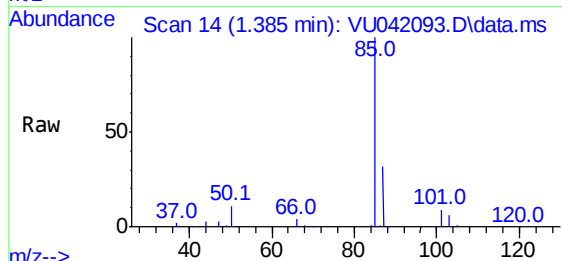




#2
Dichlorodifluoromethane
Concen: 45.67 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

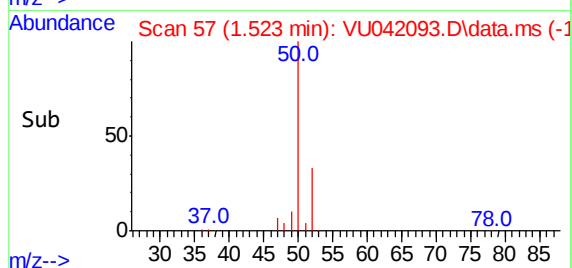
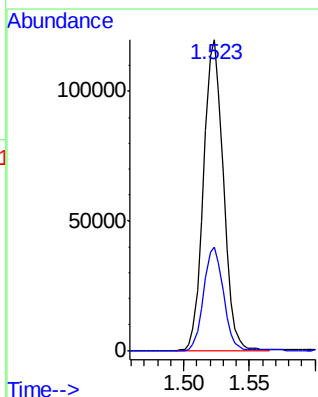
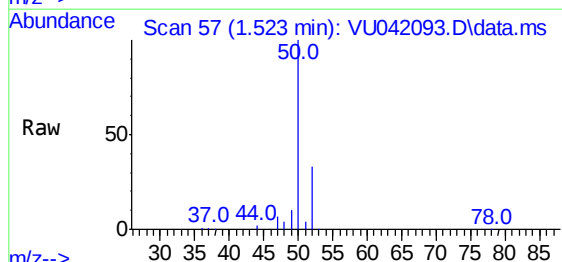
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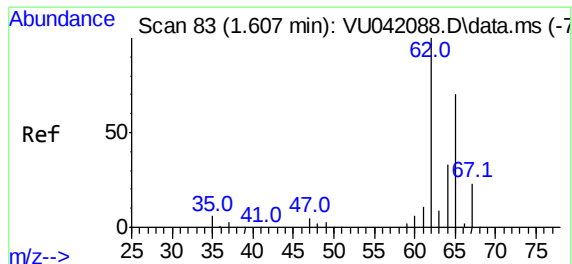
Tgt Ion: 85 Resp: 128638
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.6



#3
Chloromethane
Concen: 37.97 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 50 Resp: 124938
Ion Ratio Lower Upper
50 100
52 33.3 22.5 41.9

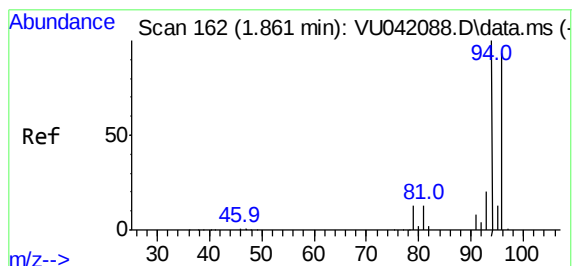
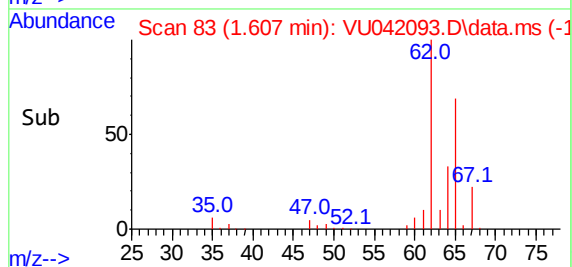
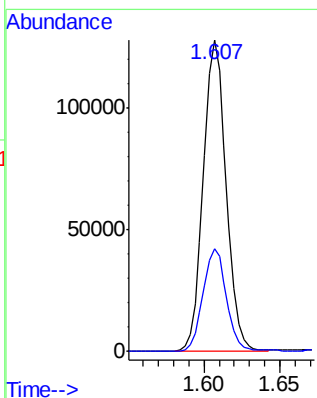
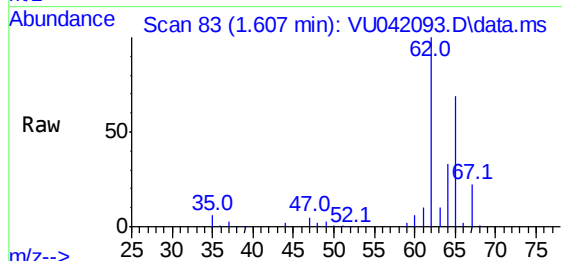




#5
 Vinyl chloride
 Concen: 39.36 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042093.D
 Acq: 18 Jan 2021 14:10

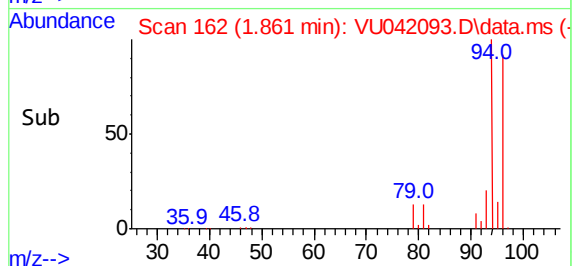
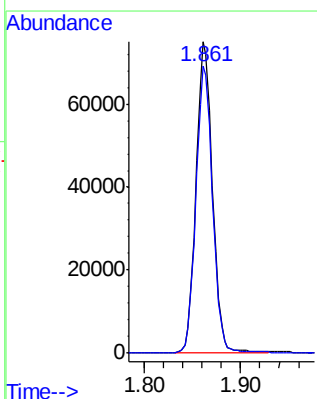
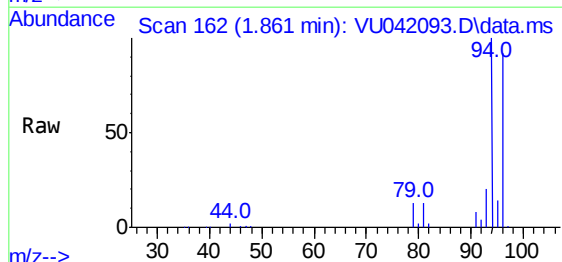
Instrument :
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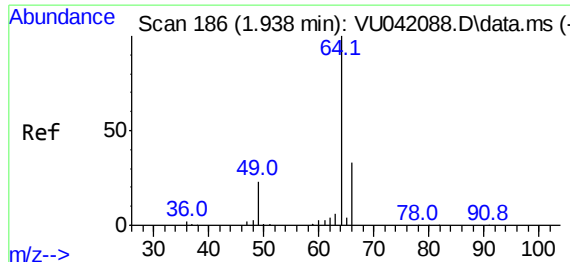
Tgt Ion: 62 Resp: 133248
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.9 42.5



#6
 Bromomethane
 Concen: 42.87 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU042093.D
 Acq: 18 Jan 2021 14:10

Tgt Ion: 94 Resp: 88626
 Ion Ratio Lower Upper
 94 100
 96 92.3 62.8 116.6

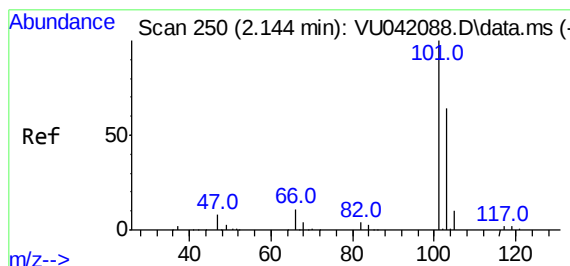
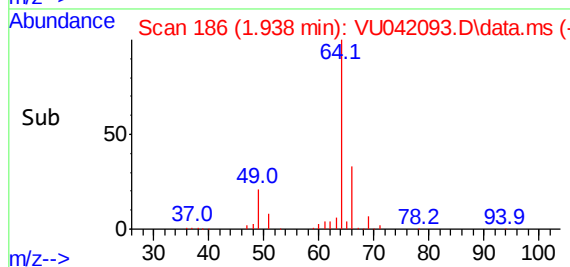
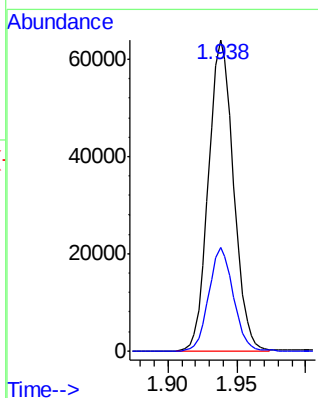
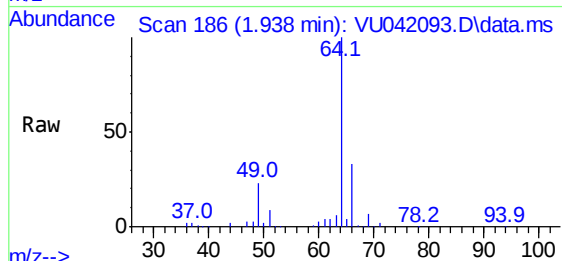




#8
Chloroethane
Concen: 38.80 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

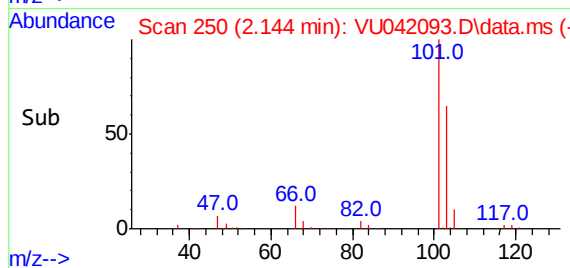
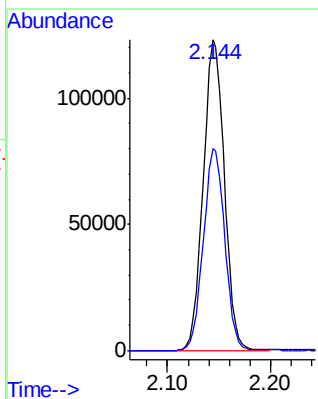
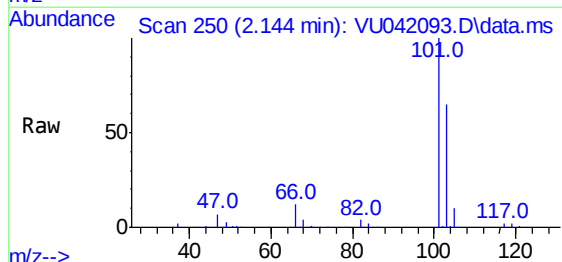
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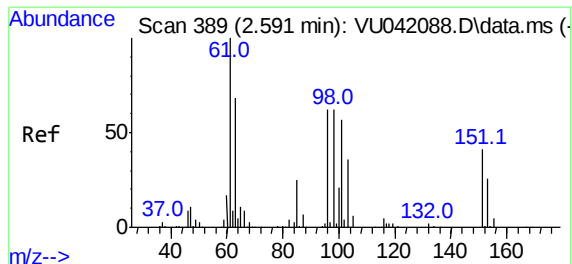
Tgt Ion: 64 Resp: 80409
Ion Ratio Lower Upper
64 100
66 33.1 22.7 42.1



#9
Trichlorofluoromethane
Concen: 41.28 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion:101 Resp: 174636
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.2



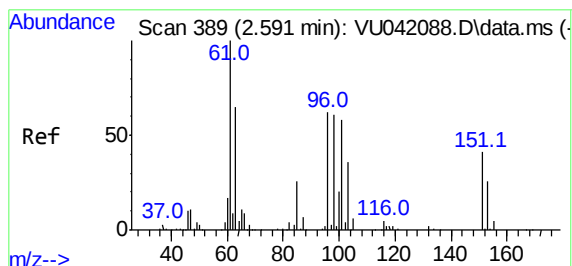
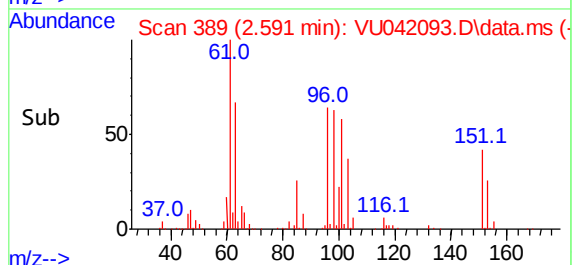
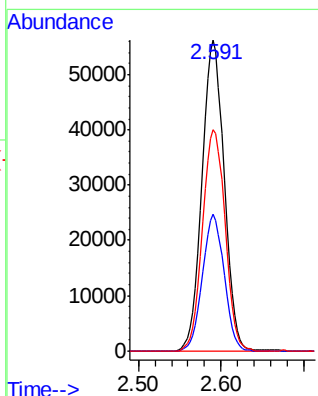
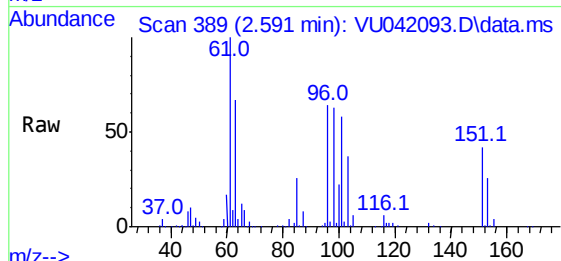


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.34 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. -0.000 min
 Lab File: VU042093.D
 Acq: 18 Jan 2021 14:10

Instrument :
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Tgt Ion:101 Resp: 104507

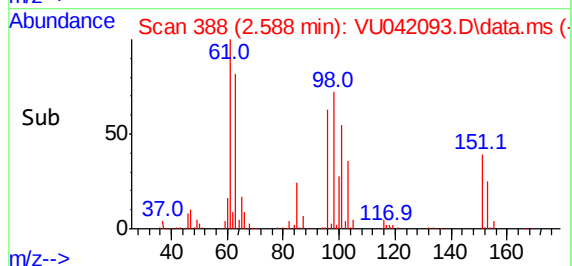
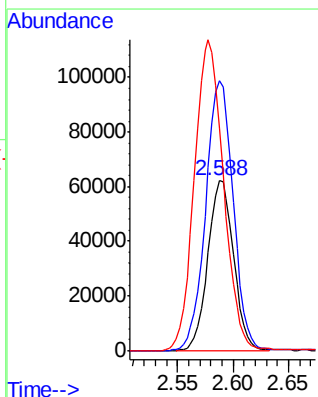
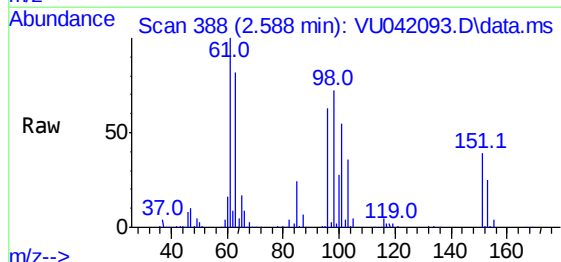
Ion	Ratio	Lower	Upper
101	100		
85	42.9	35.0	52.4
151	72.3	52.6	79.0

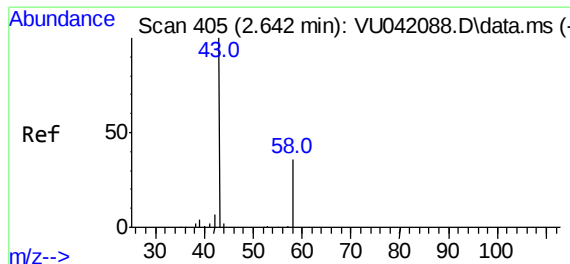


#12
 1,1-Dichloroethene
 Concen: 44.58 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU042093.D
 Acq: 18 Jan 2021 14:10

Tgt Ion: 96 Resp: 100145

Ion	Ratio	Lower	Upper
96	100		
61	159.5	127.8	237.4
63	131.1	91.2	169.4

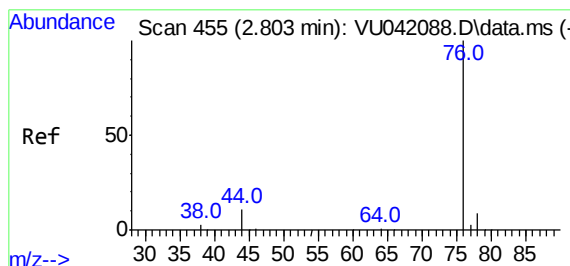
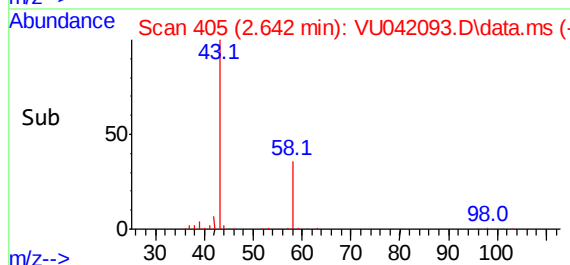
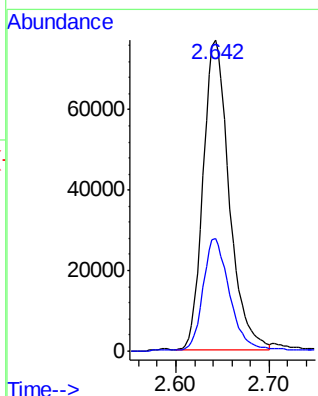
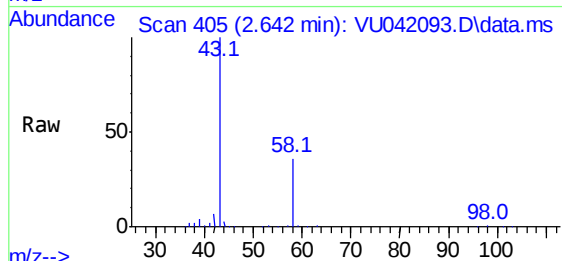




#13
Acetone
Concen: 72.08 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.000 min
Lab File: VU042093.D
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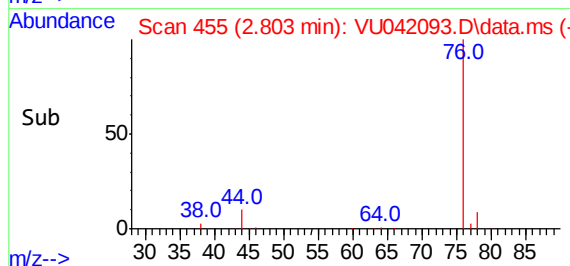
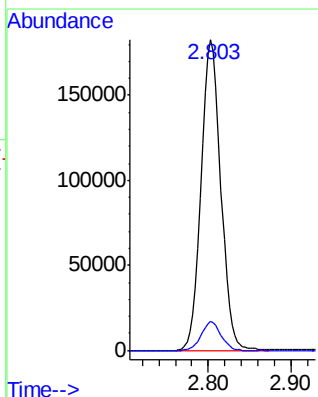
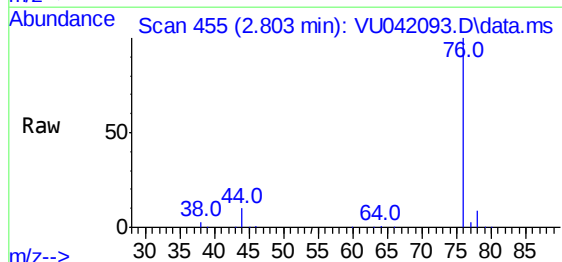
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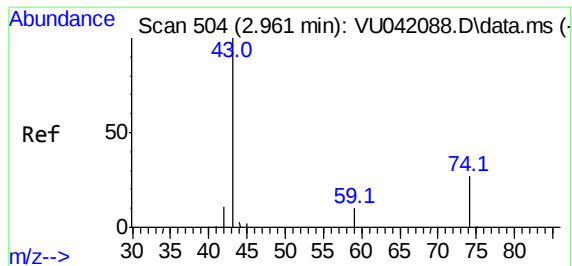
Tgt Ion: 43 Resp: 149291
Ion Ratio Lower Upper
43 100
58 36.7 0.0 70.0



#14
Carbon disulfide
Concen: 41.99 ug/L
RT: 2.803 min Scan# 455
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 76 Resp: 305432
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

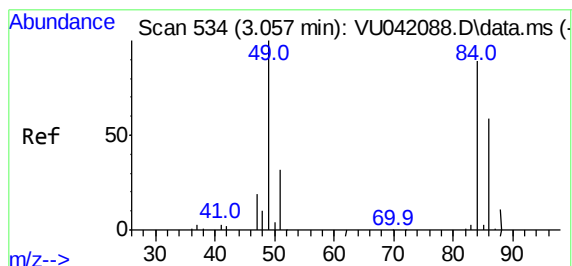
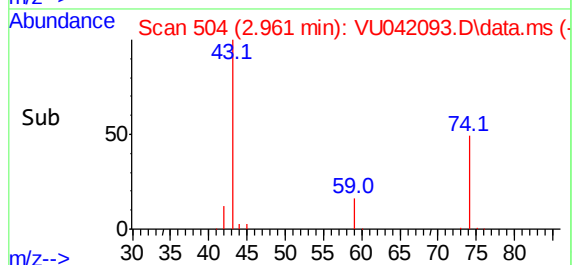
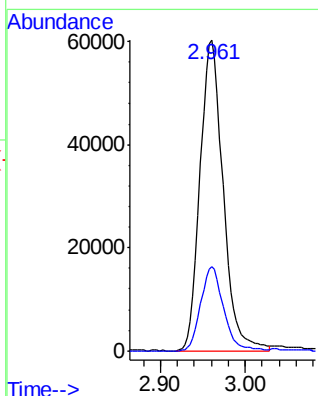
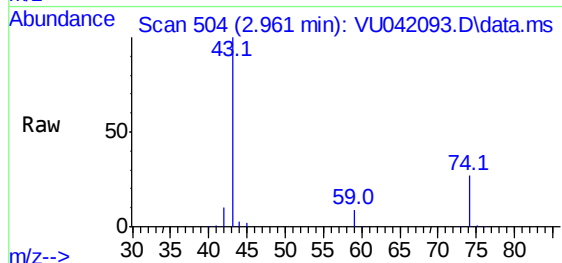




#15
Methyl Acetate
Concen: 35.03 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

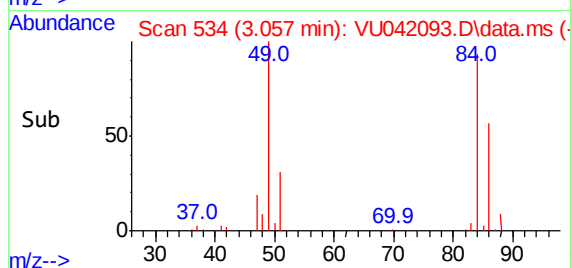
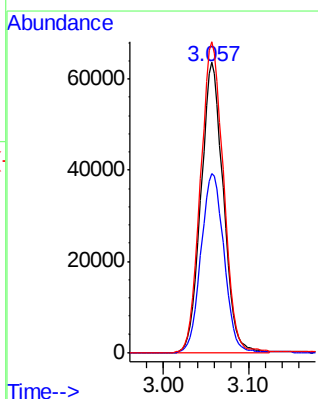
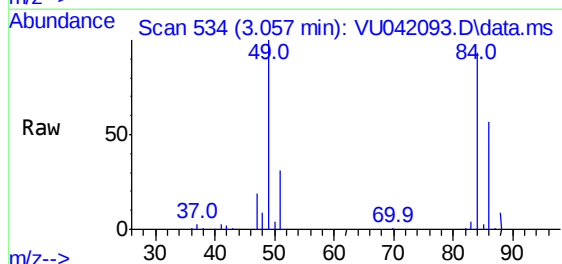
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

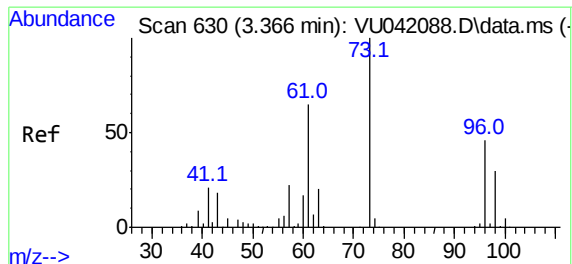
Tgt Ion: 43 Resp: 113868
Ion Ratio Lower Upper
43 100
74 26.1 19.3 28.9



#16
Methylene chloride
Concen: 44.25 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 84 Resp: 115567
Ion Ratio Lower Upper
84 100
86 61.6 45.6 84.6
49 107.3 86.0 159.6

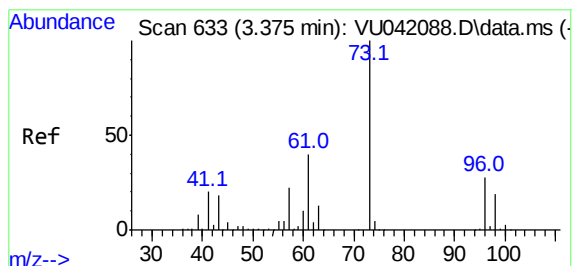
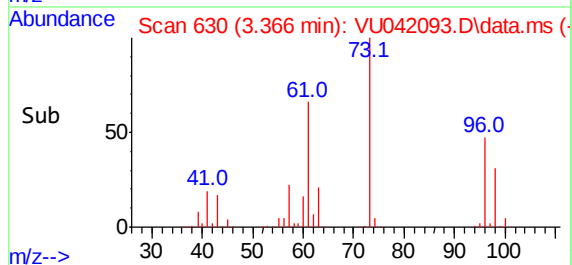
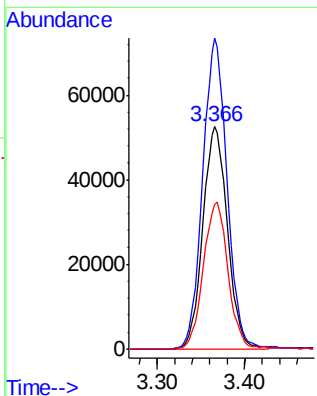
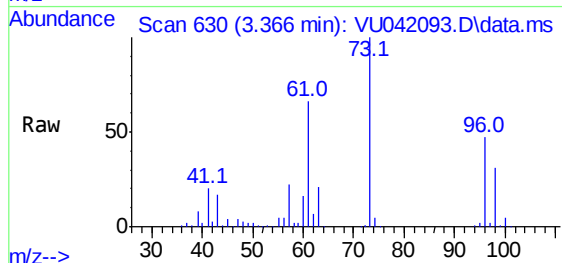




#17
trans-1,2-Dichloroethene
Concen: 43.26 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

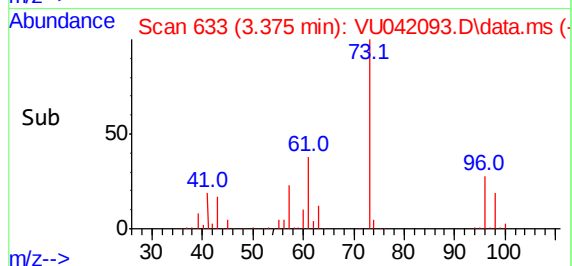
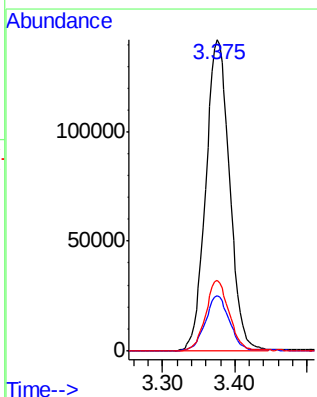
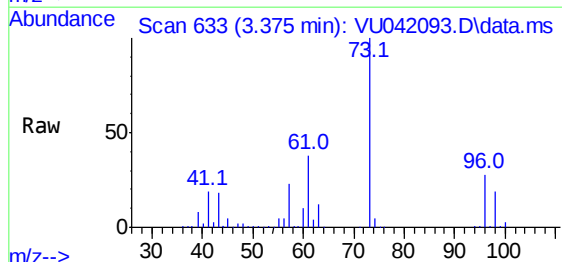
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

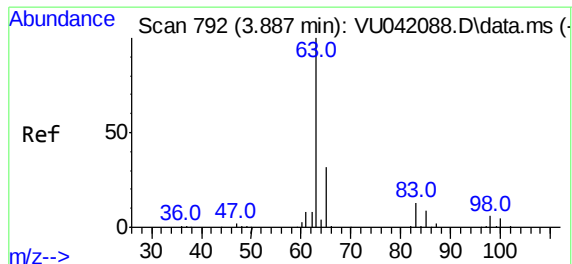
Tgt Ion: 96 Resp: 102183
Ion Ratio Lower Upper
96 100
61 139.9 105.3 195.6
98 65.1 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 42.19 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 73 Resp: 322905
Ion Ratio Lower Upper
73 100
43 17.7 15.0 22.4
57 22.0 18.1 27.1

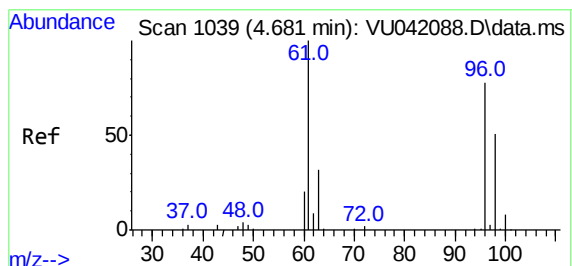
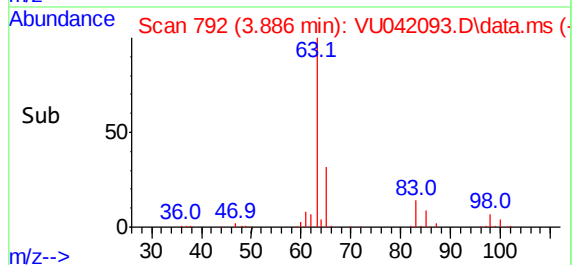
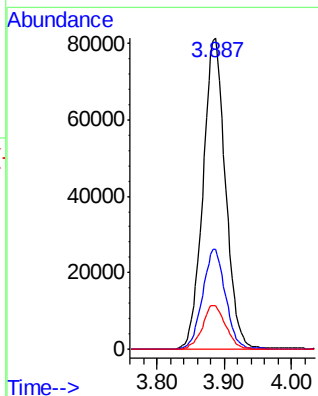
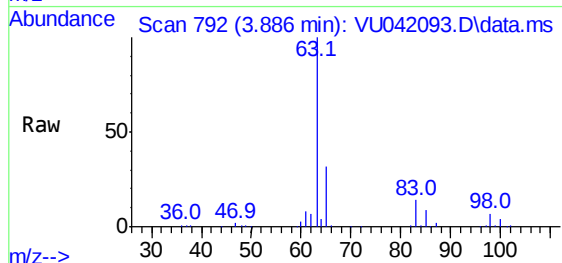




#19
1,1-Dichloroethane
Concen: 40.50 ug/L
RT: 3.886 min Scan# 792
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

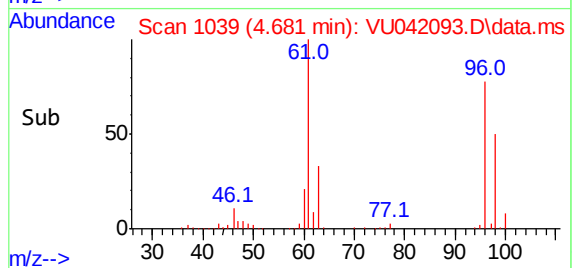
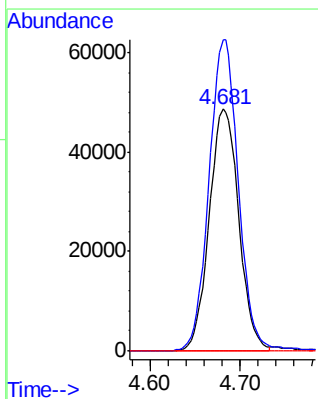
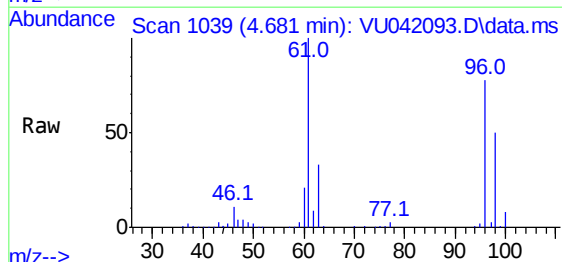
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

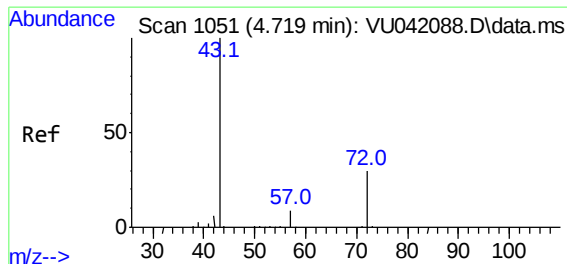
Tgt Ion: 63 Resp: 189272
Ion Ratio Lower Upper
63 100
65 32.0 21.8 40.6
83 13.9 9.4 17.4



#20
cis-1,2-Dichloroethene
Concen: 43.20 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 96 Resp: 110034
Ion Ratio Lower Upper
96 100
61 128.8 93.9 174.5
68 0.0 0.0 0.0

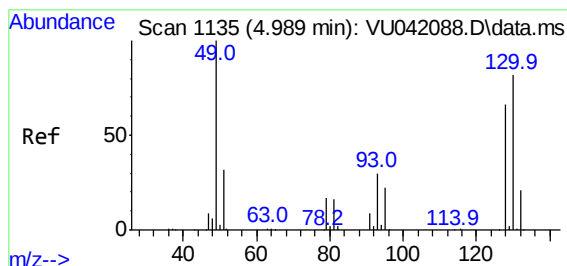
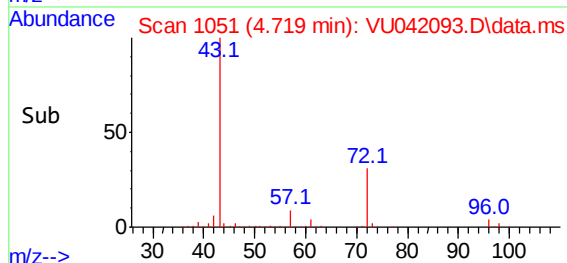
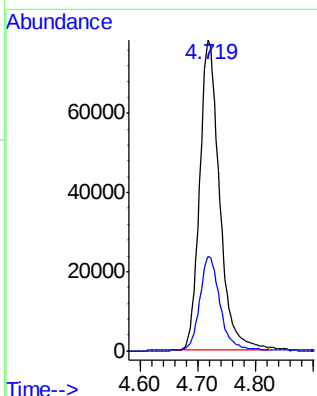
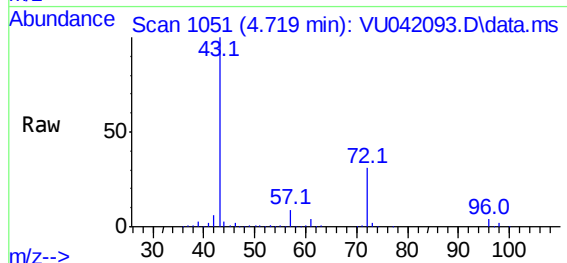




#22
2-Butanone
Concen: 68.44 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

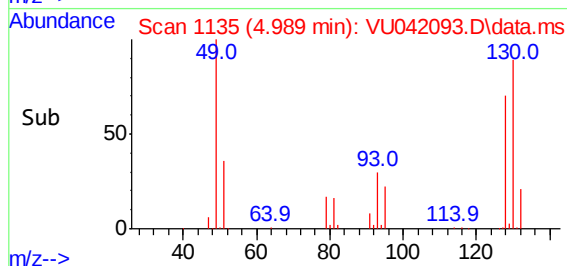
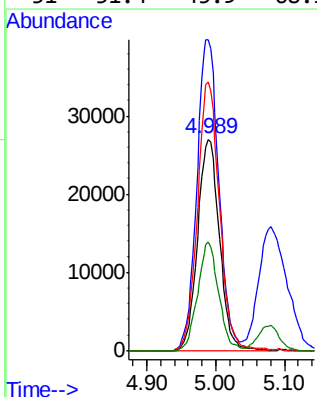
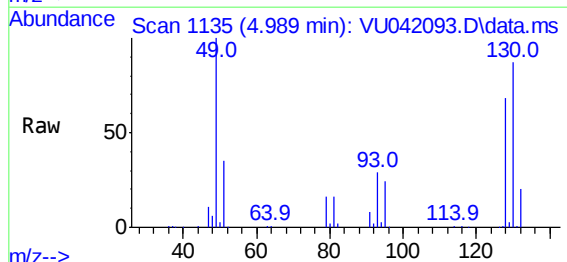
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

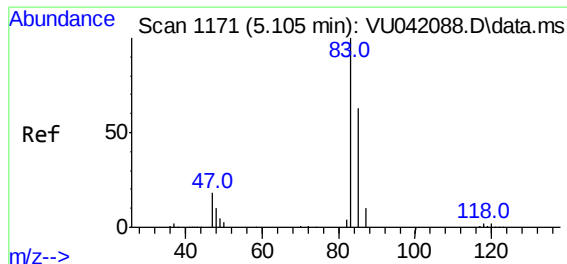
Tgt Ion: 43 Resp: 186136
Ion Ratio Lower Upper
43 100
72 31.5 13.6 40.8



#23
Bromochloromethane
Concen: 48.46 ug/L
RT: 4.989 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 128 Resp: 59223
Ion Ratio Lower Upper
128 100
49 147.2 124.9 232.1
130 127.3 91.1 169.3
51 51.4 45.9 68.9

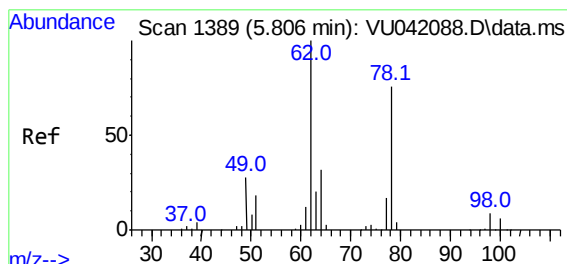
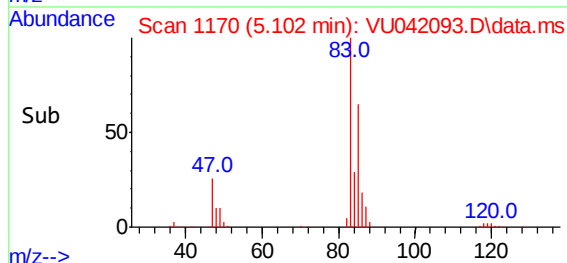
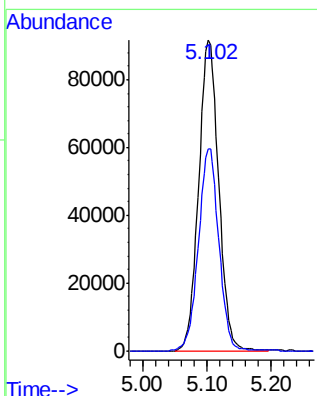
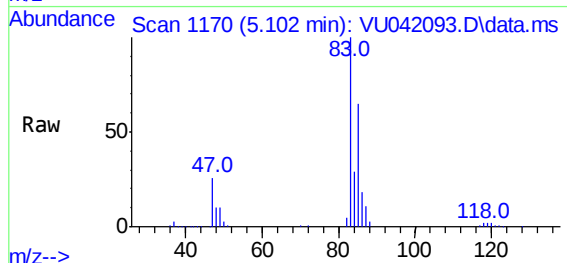




#25
Chloroform
Concen: 42.79 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

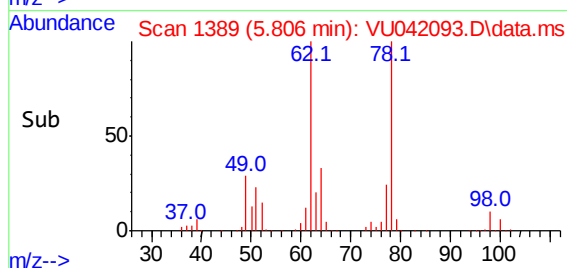
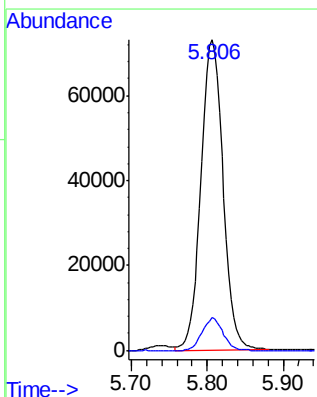
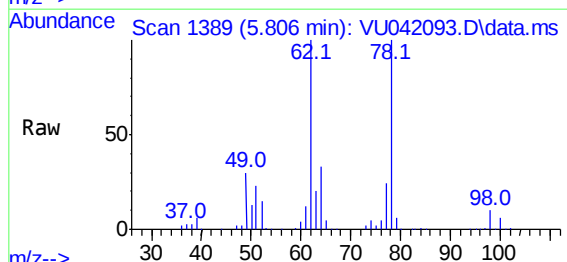
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

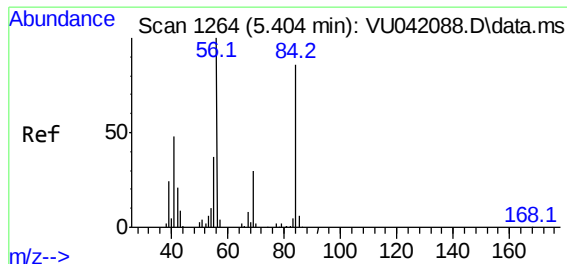
Tgt Ion: 83 Resp: 198751
Ion Ratio Lower Upper
83 100
85 65.1 46.9 87.1



#27
1,2-Dichloroethane
Concen: 41.43 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 62 Resp: 147536
Ion Ratio Lower Upper
62 100
98 10.5 7.3 10.9



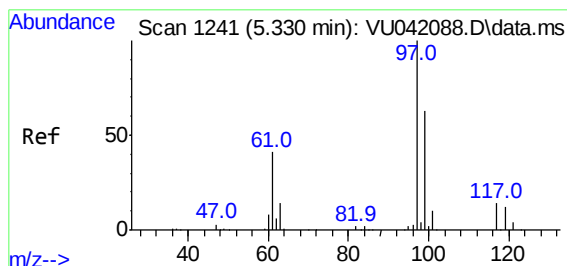
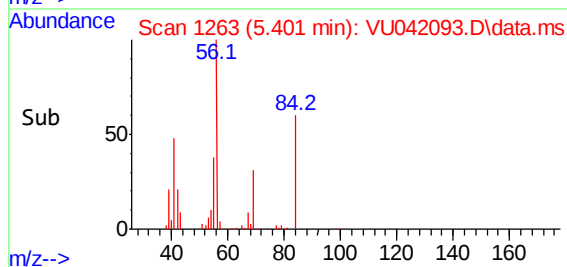
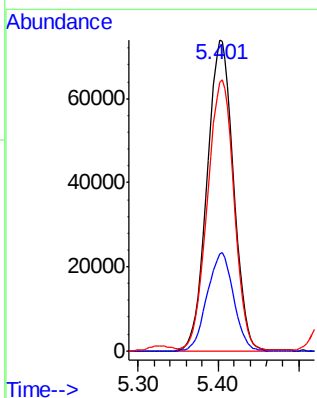
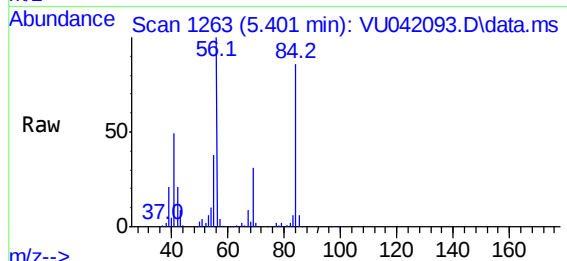


#29
Cyclohexane
Concen: 38.20 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

Tgt Ion: 56 Resp: 162941

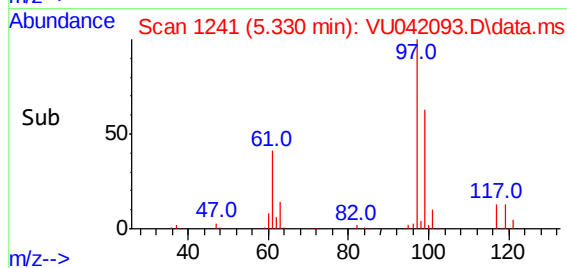
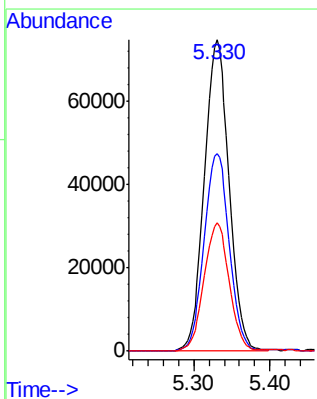
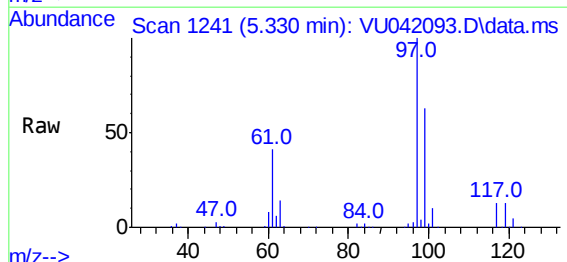
Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.4	35.0
84	88.8	64.3	96.5

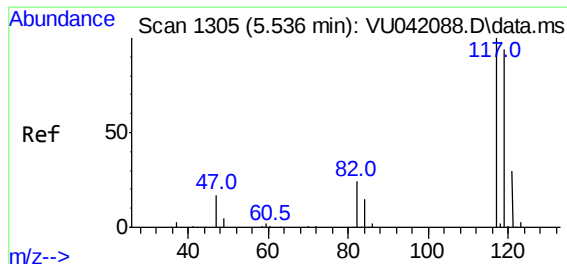


#30
1,1,1-Trichloroethane
Concen: 39.70 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 97 Resp: 167871

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.3	76.9
61	41.8	37.1	55.7

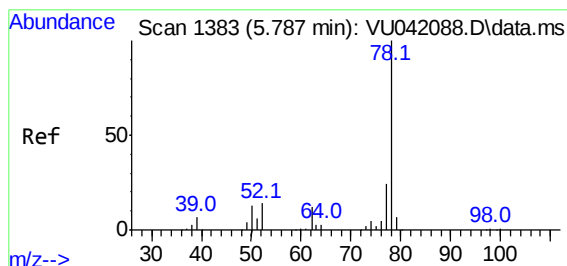
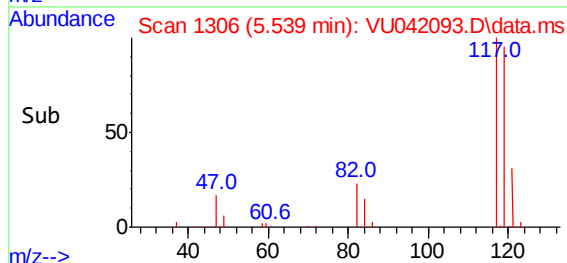
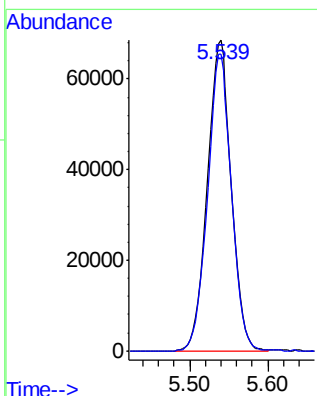
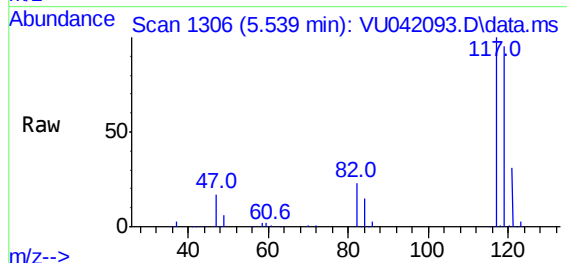




#31
Carbon tetrachloride
Concen: 41.99 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.003 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

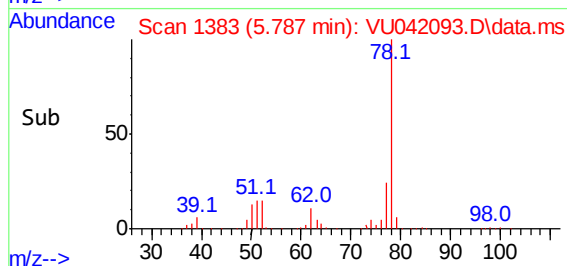
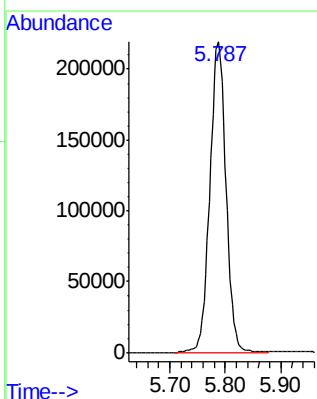
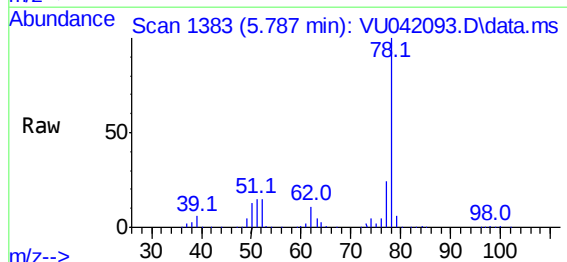
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

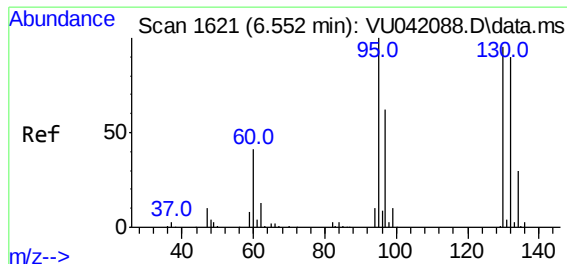
Tgt Ion:117 Resp: 147612
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7



#33
Benzene
Concen: 42.20 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 78 Resp: 443533



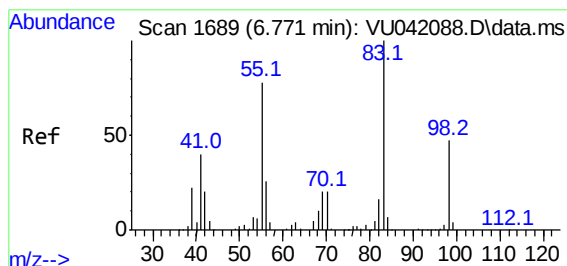
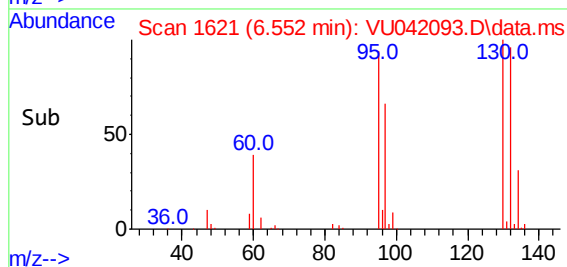
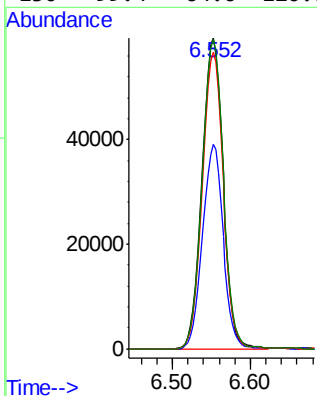
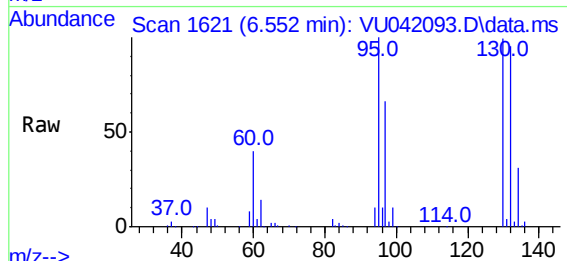


#34
Trichloroethene
Concen: 43.38 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

Tgt Ion: 95 Resp: 112173

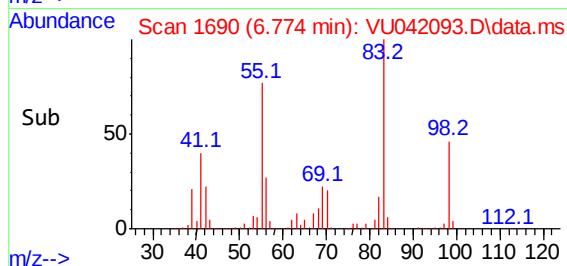
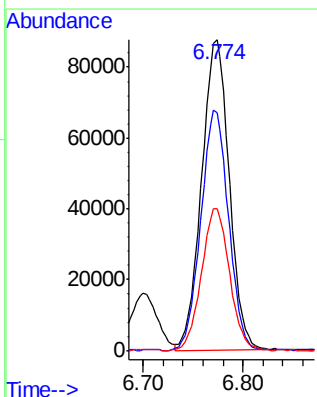
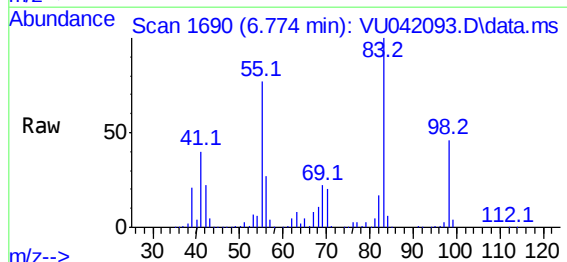
Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.1	85.7
132	95.3	63.5	117.9
130	99.4	64.6	120.0

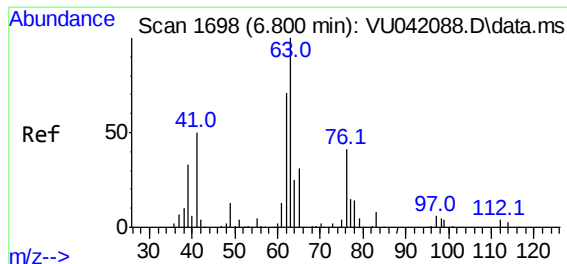


#35
Methylcyclohexane
Concen: 44.51 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 83 Resp: 168833

Ion	Ratio	Lower	Upper
83	100		
55	77.6	65.8	98.8
98	46.3	36.9	55.3

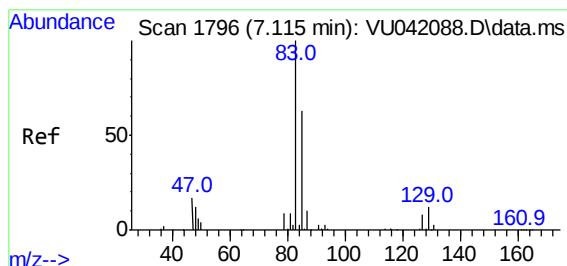
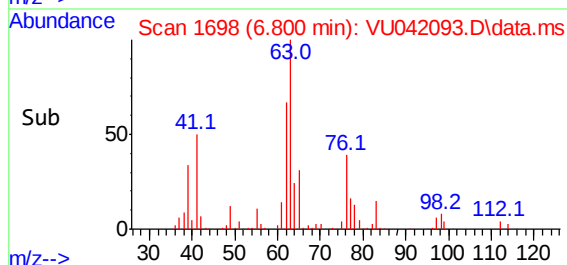
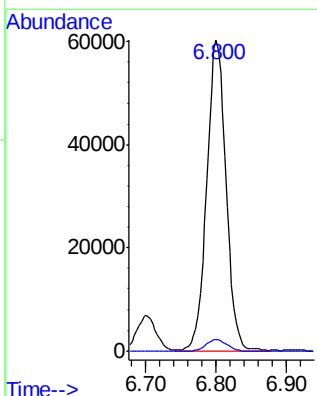
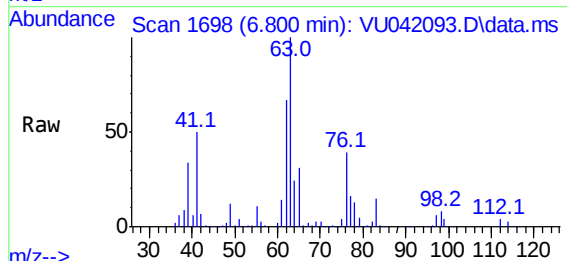




#37
1,2-Dichloropropane
Concen: 41.80 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

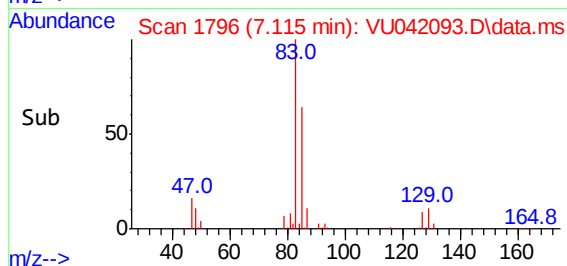
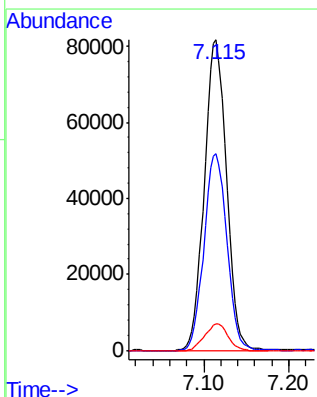
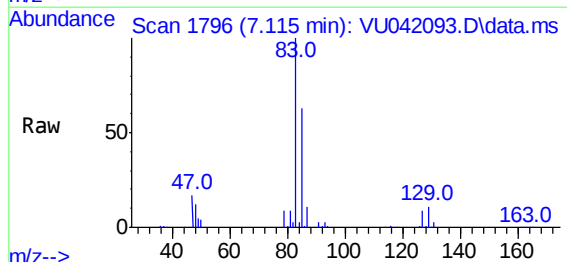
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

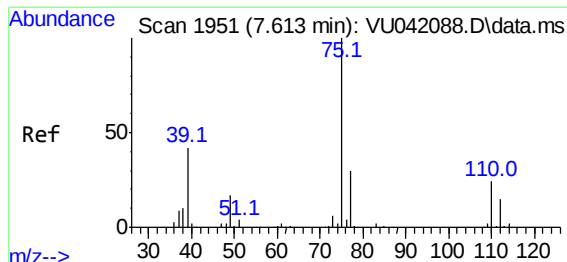
Tgt Ion: 63 Resp: 115328
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 43.28 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 83 Resp: 148321
Ion Ratio Lower Upper
83 100
85 63.2 45.3 84.1
127 8.6 6.6 9.8

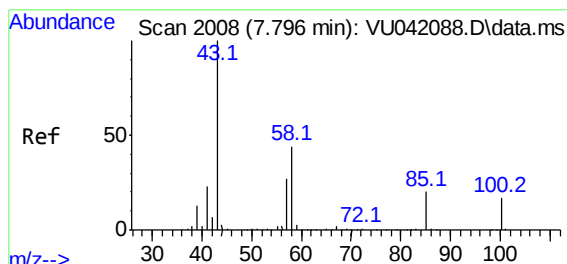
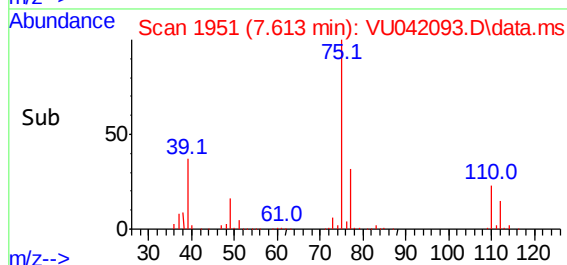
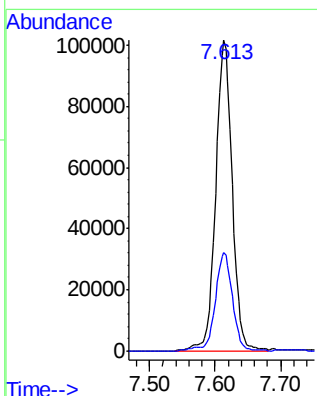
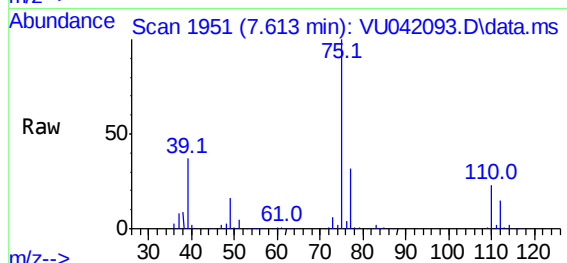




#39
 cis-1,3-Dichloropropene
 Concen: 44.06 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU042093.D
 Acq: 18 Jan 2021 14:10

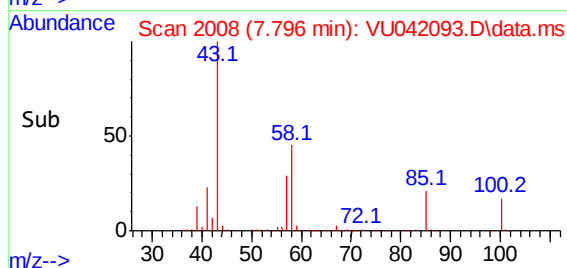
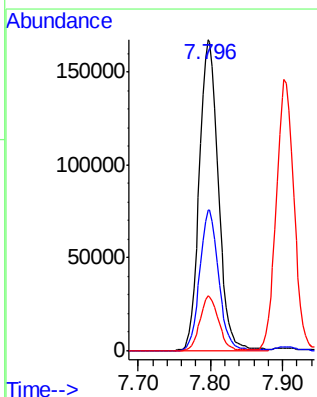
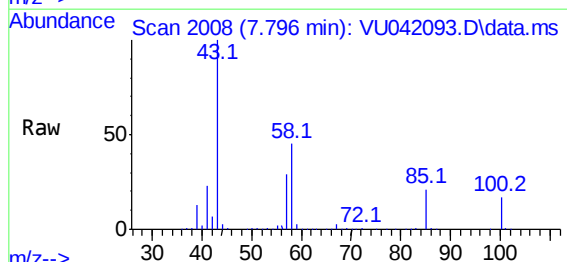
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050162

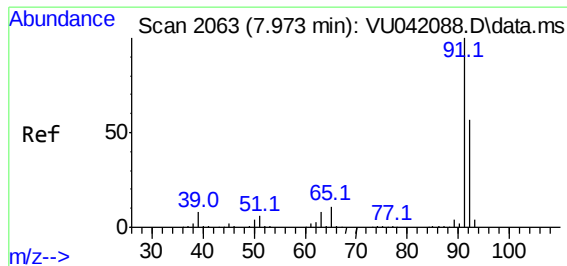
Tgt Ion: 75 Resp: 178707
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 71.49 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. -0.000 min
 Lab File: VU042093.D
 Acq: 18 Jan 2021 14:10

Tgt Ion: 43 Resp: 304925
 Ion Ratio Lower Upper
 43 100
 58 44.8 33.4 50.0
 100 17.1 12.0 18.0

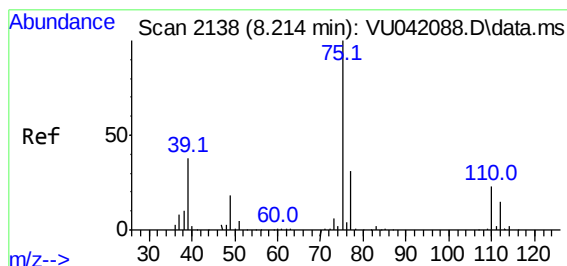
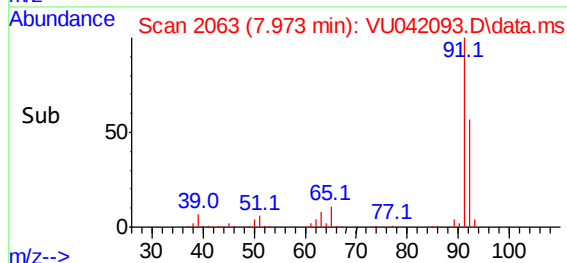
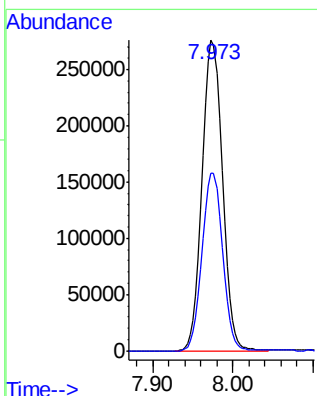
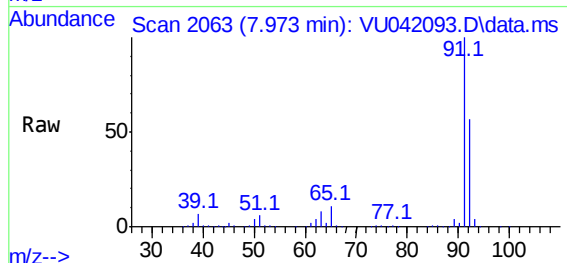




#42
Toluene
Concen: 46.96 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

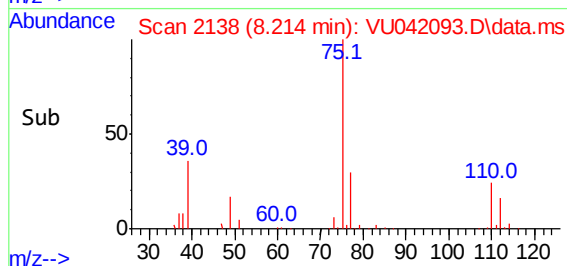
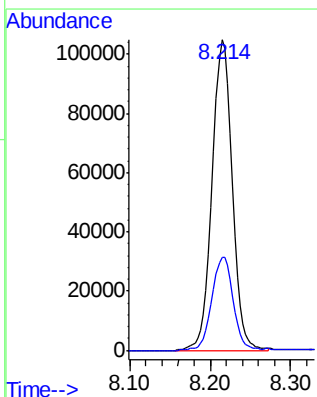
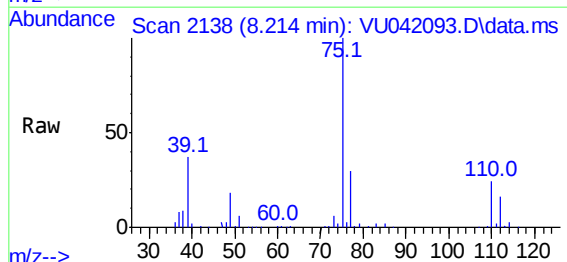
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

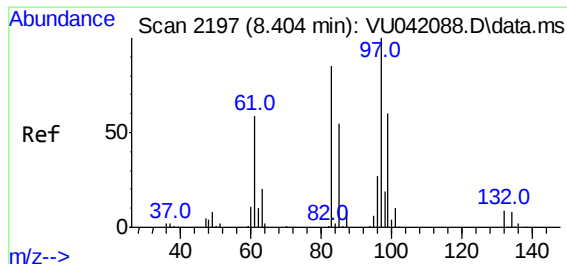
Tgt Ion: 91 Resp: 470126
Ion Ratio Lower Upper
91 100
92 57.3 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 45.28 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 75 Resp: 176443
Ion Ratio Lower Upper
75 100
77 30.1 21.3 39.6



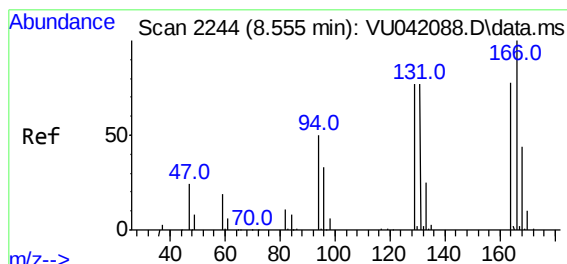
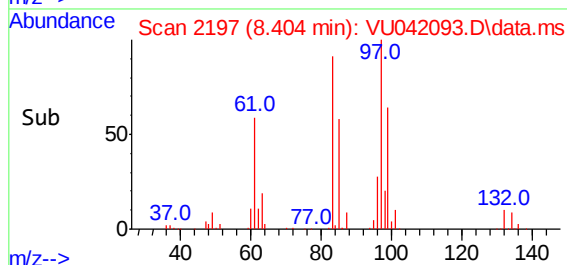
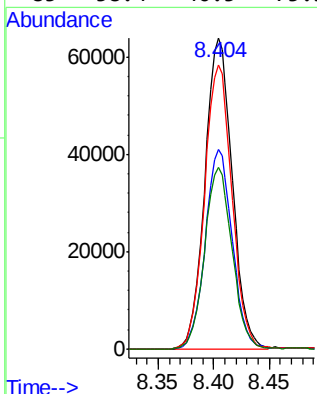
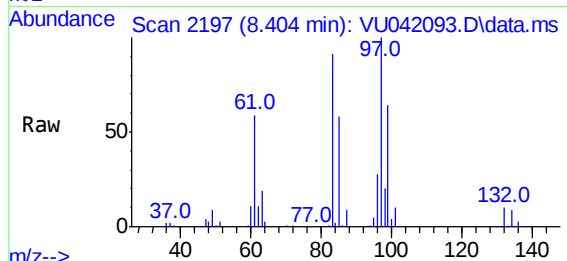


#45
1,1,2-Trichloroethane
Concen: 45.26 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

Tgt Ion: 97 Resp: 108957

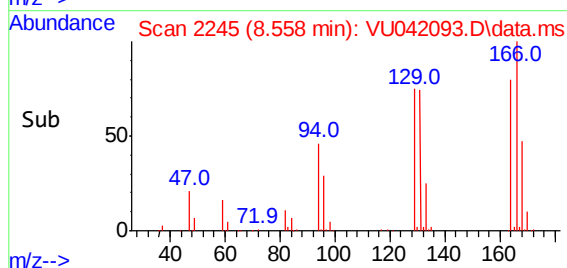
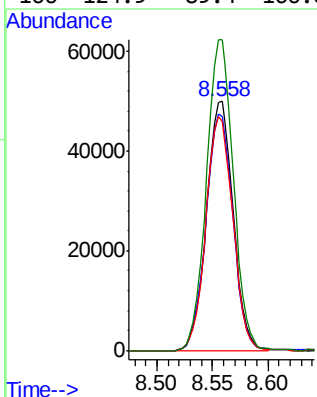
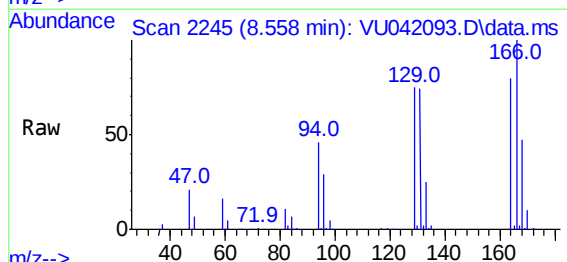
Ion	Ratio	Lower	Upper
97	100		
99	64.1	42.4	78.8
83	91.2	65.2	121.2
85	58.4	40.5	75.3

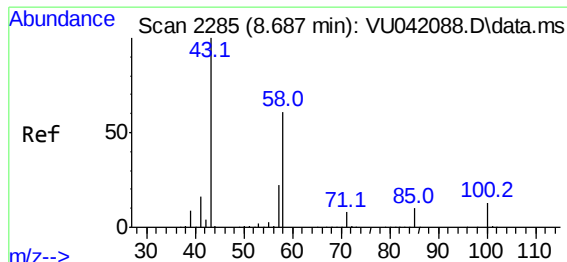


#46
Tetrachloroethene
Concen: 51.45 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 164 Resp: 83512

Ion	Ratio	Lower	Upper
164	100		
129	94.3	71.6	133.0
131	92.1	68.4	127.0
166	124.9	89.4	166.0

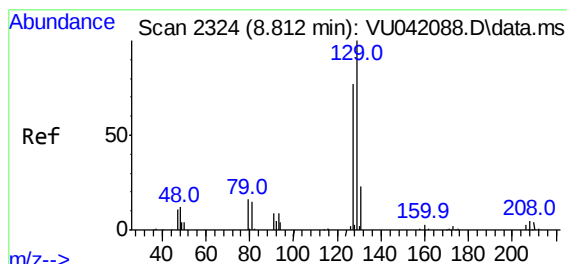
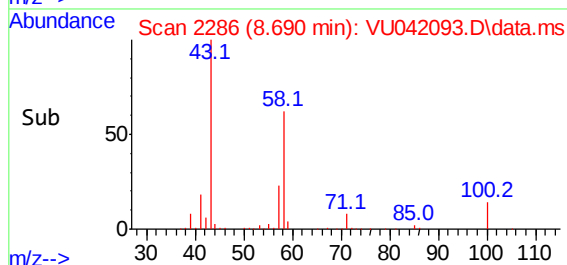
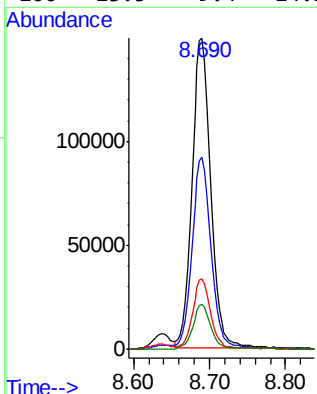
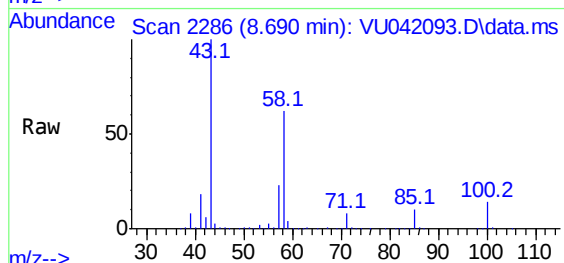




#48
2-Hexanone
Concen: 72.51 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

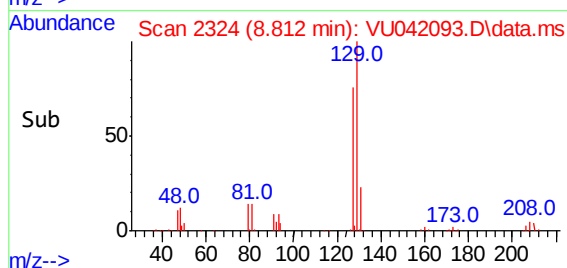
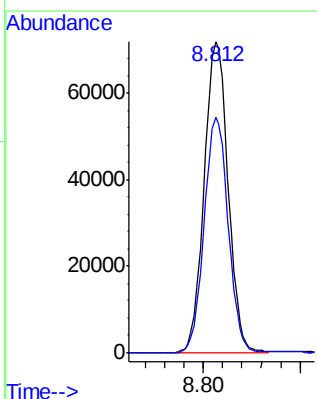
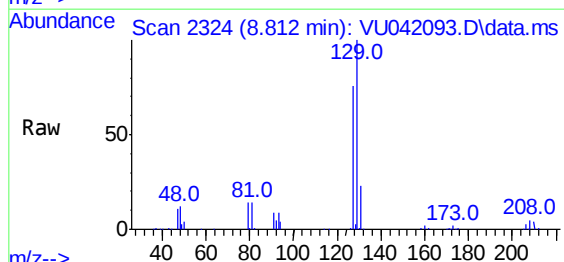
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

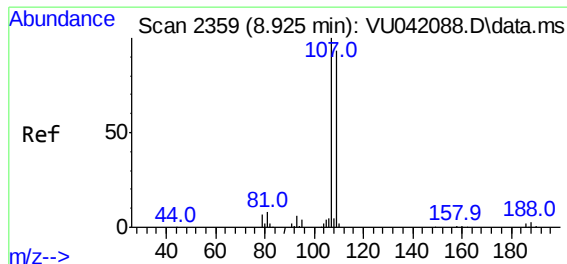
Tgt Ion: 43 Resp: 255957
Ion Ratio Lower Upper
43 100
58 62.0 46.6 70.0
57 21.5 17.1 25.7
100 13.5 9.4 14.2



#49
Dibromochloromethane
Concen: 48.12 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 129 Resp: 123379
Ion Ratio Lower Upper
129 100
127 75.8 55.9 103.7

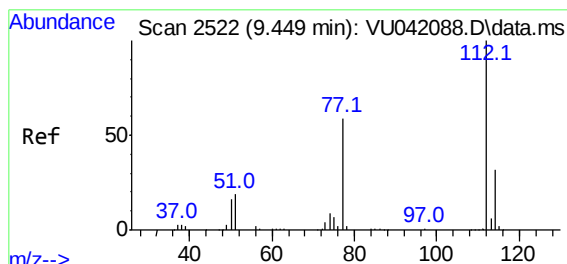
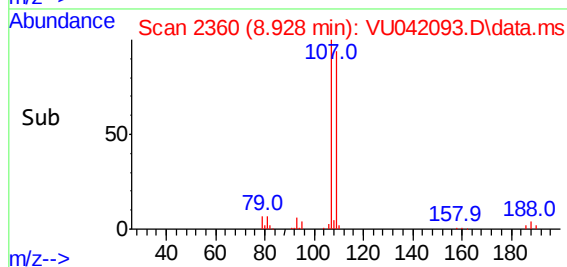
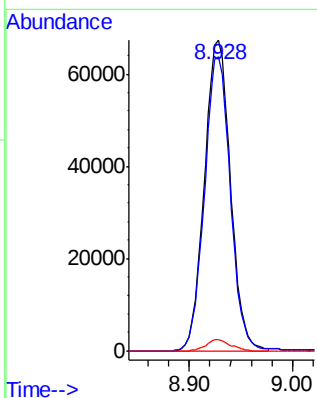
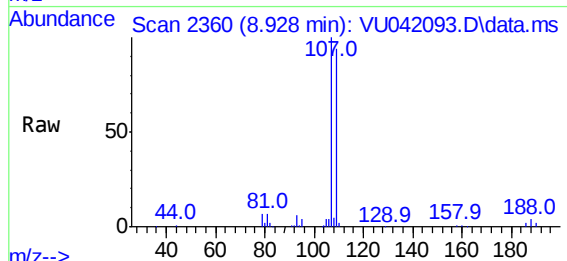




#50
1,2-Dibromoethane
Concen: 46.71 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

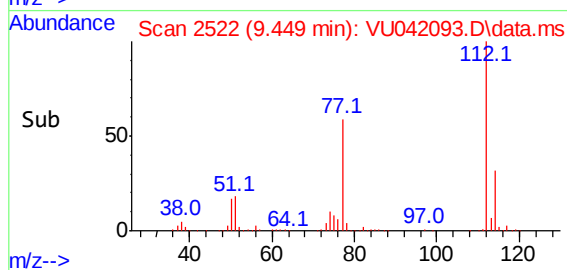
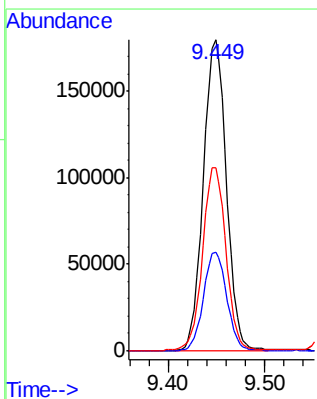
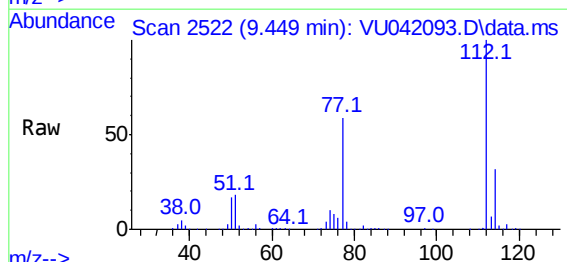
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

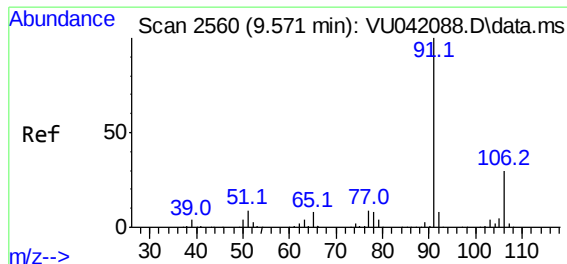
Tgt Ion:107 Resp: 117861
Ion Ratio Lower Upper
107 100
109 94.5 65.5 121.7
188 3.8 2.2 3.4#



#51
Chlorobenzene
Concen: 48.36 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion:112 Resp: 297370
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.3
77 59.0 49.4 74.0

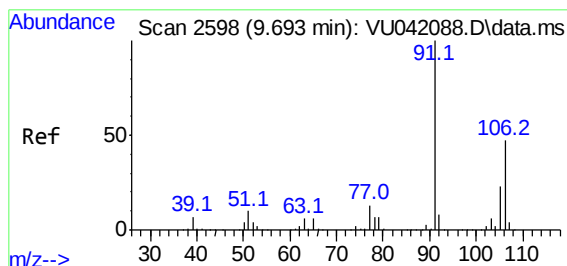
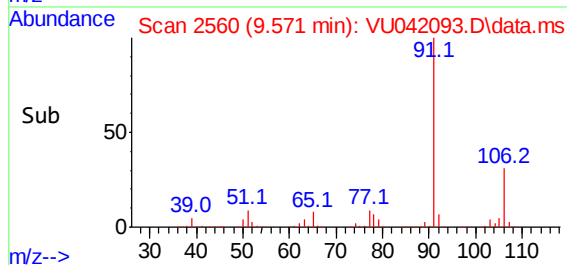
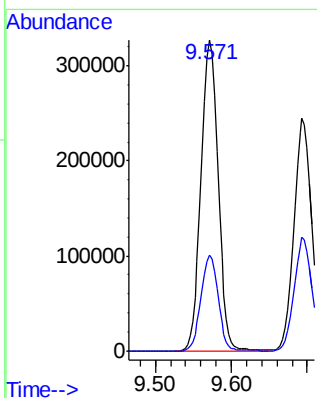
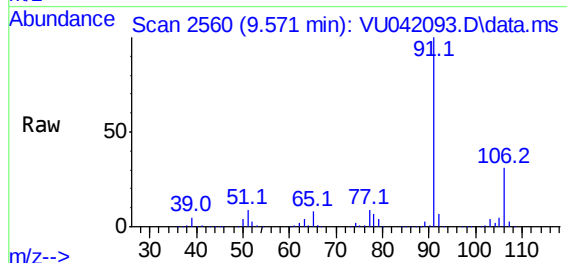




#52
Ethylbenzene
Concen: 47.67 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

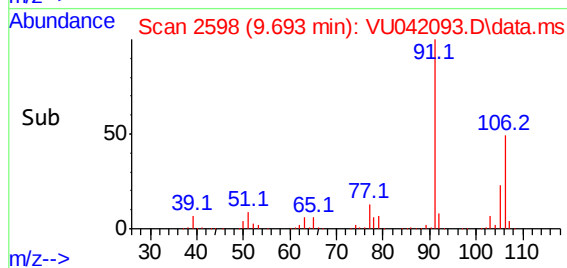
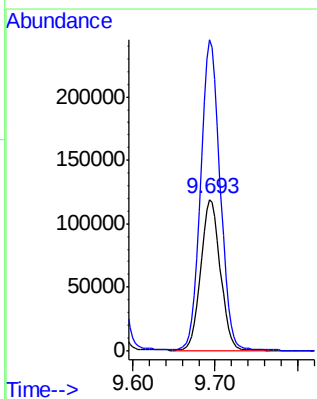
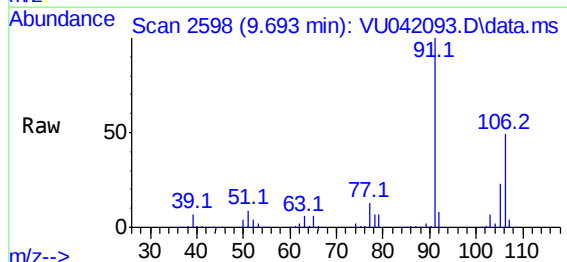
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

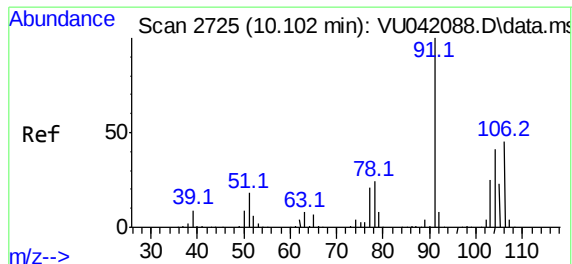
Tgt Ion: 91 Resp: 508926
Ion Ratio Lower Upper
91 100
106 30.8 20.8 38.6



#53
m,p-Xylene
Concen: 50.45 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion:106 Resp: 195356
Ion Ratio Lower Upper
106 100
91 205.6 151.4 281.2

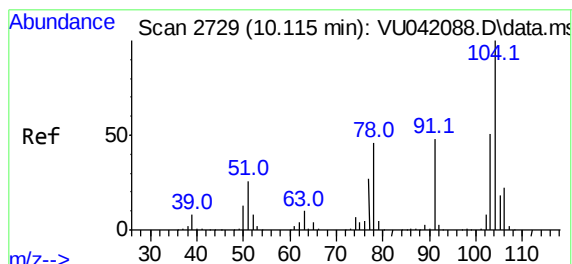
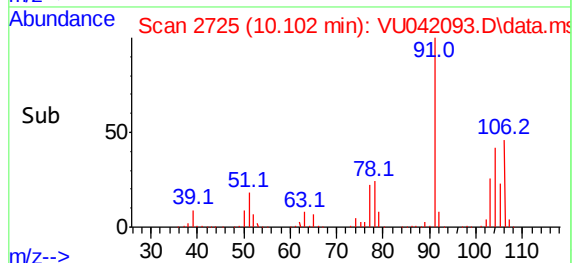
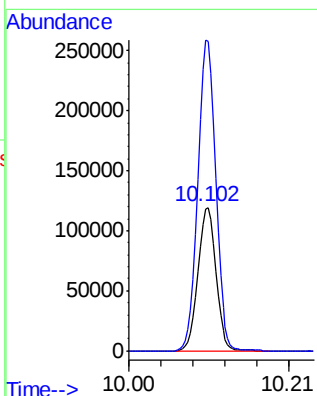
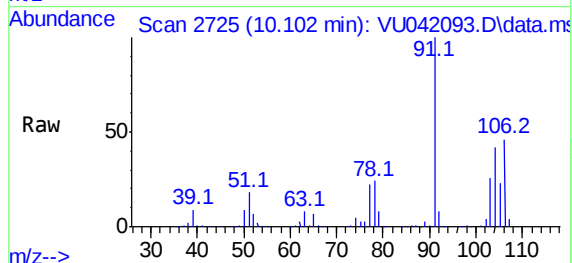




#54
o-xylene
Concen: 50.49 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

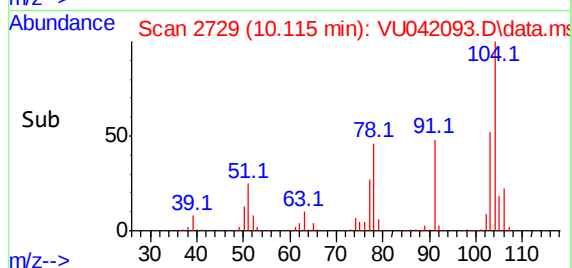
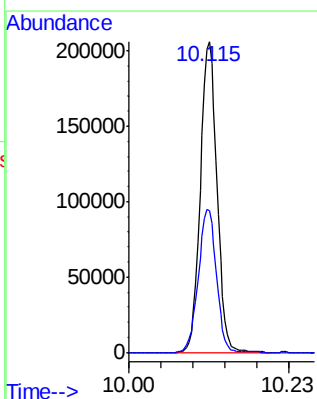
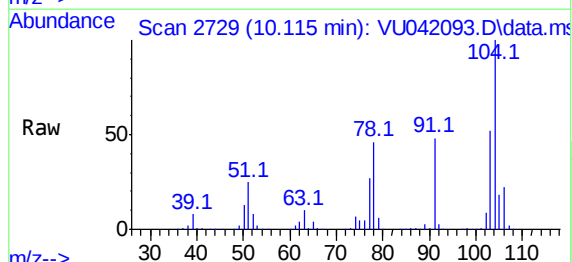
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

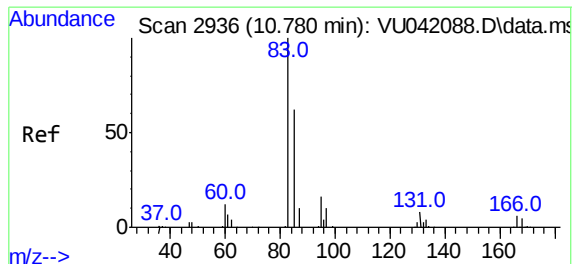
Tgt Ion:106 Resp: 188787
Ion Ratio Lower Upper
106 100
91 215.3 158.5 294.3



#55
Styrene
Concen: 50.88 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion:104 Resp: 335038
Ion Ratio Lower Upper
104 100
78 45.5 35.0 65.0

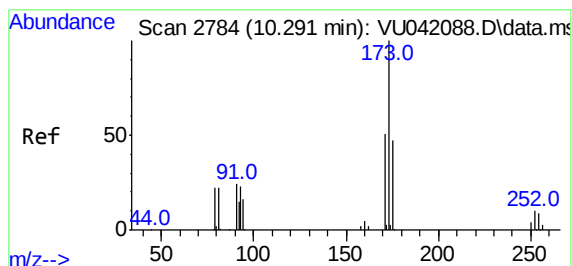
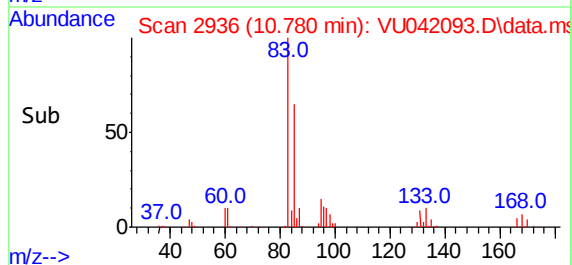
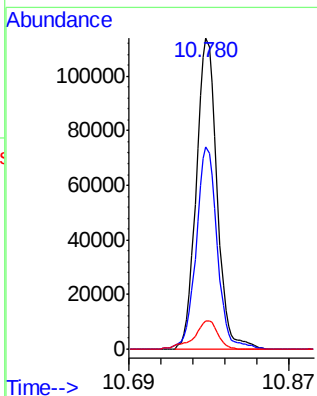
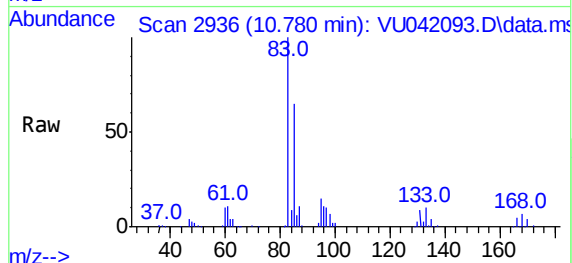




#57
1,1,2,2-Tetrachloroethane
Concen: 41.99 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

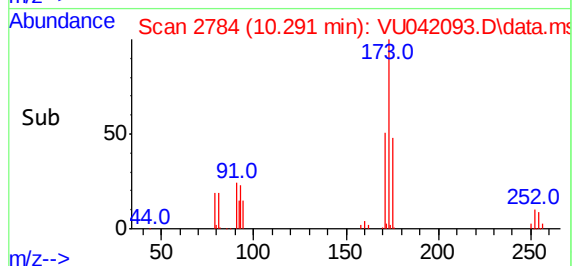
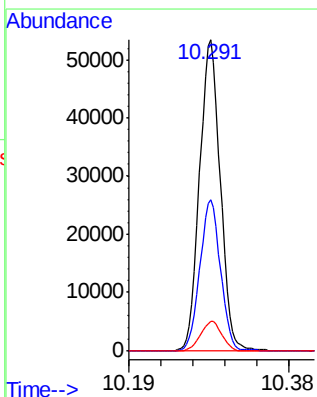
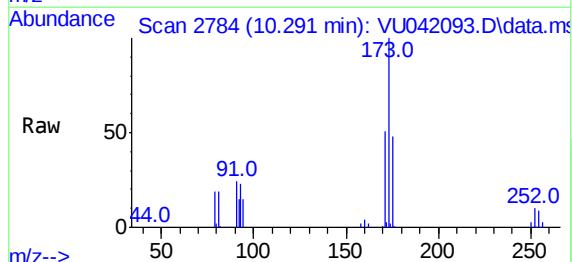
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

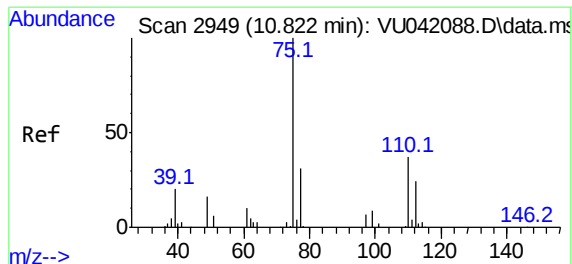
Tgt Ion: 83 Resp: 187243
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.9
131 9.0 7.4 11.2



#59
Bromoform
Concen: 45.89 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion:173 Resp: 89968
Ion Ratio Lower Upper
173 100
175 48.2 37.8 56.8
254 9.3 6.6 10.0

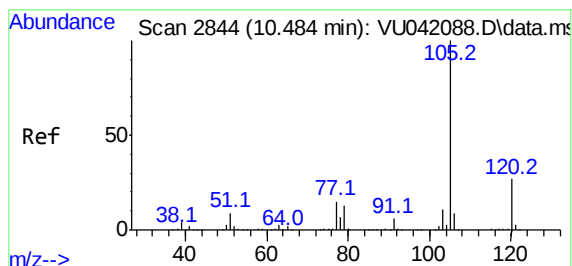
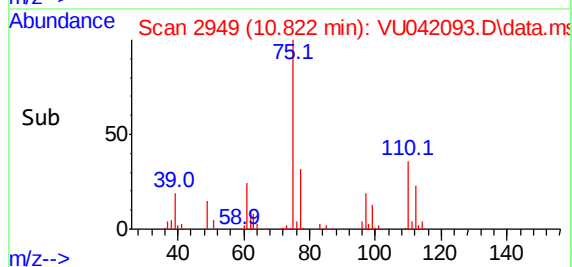
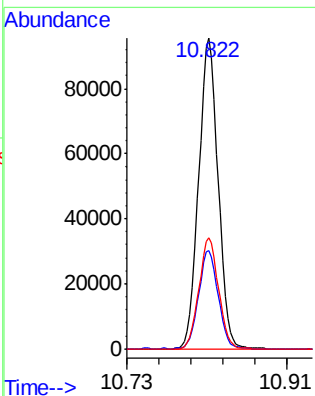
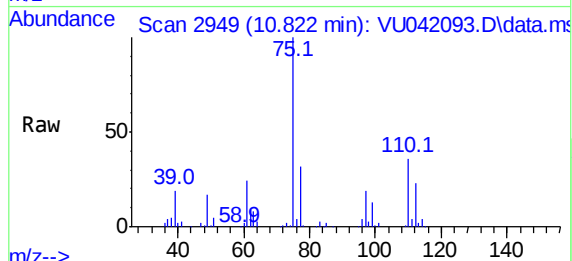




#60
1,2,3-Trichloropropane
Concen: 38.26 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

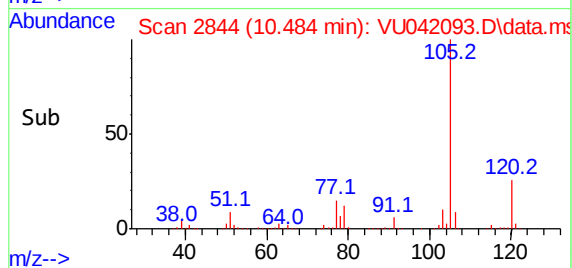
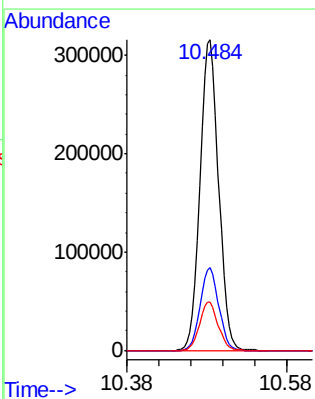
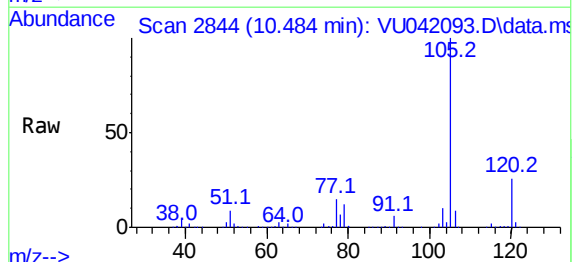
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

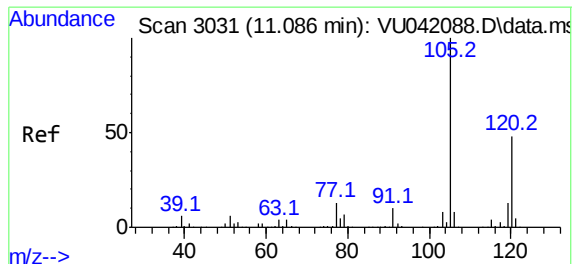
Tgt Ion: 75 Resp: 150834
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6
110 36.1 28.7 43.1



#61
Isopropylbenzene
Concen: 46.71 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion:105 Resp: 493663
Ion Ratio Lower Upper
105 100
120 26.6 20.6 30.8
77 15.4 13.4 20.0

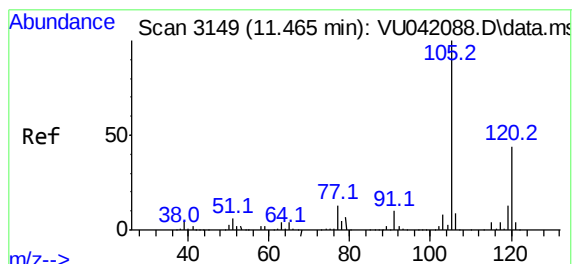
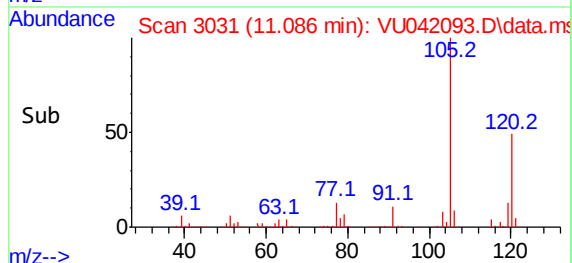
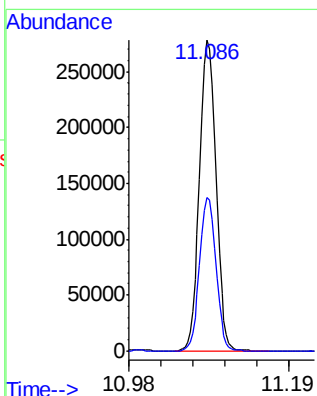
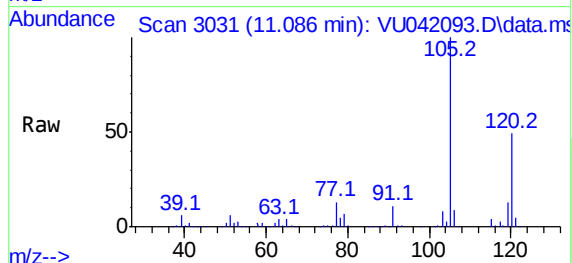




#62
1,3,5-Trimethylbenzene
Concen: 46.58 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

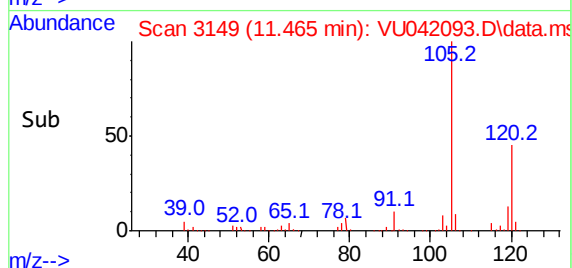
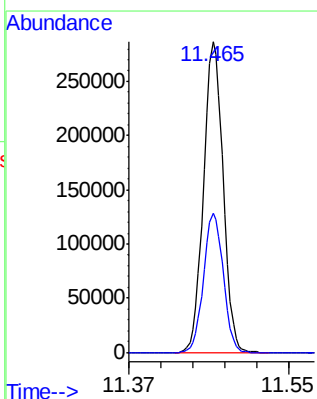
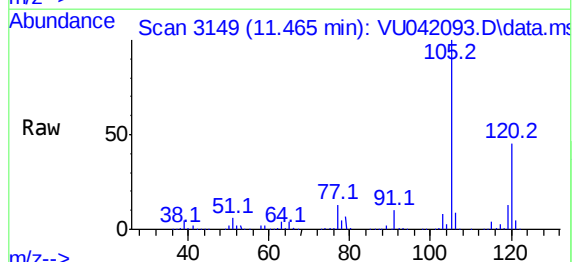
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

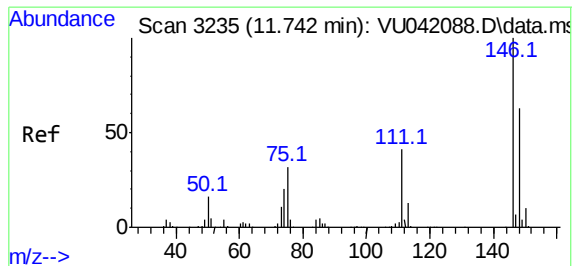
Tgt Ion:105 Resp: 417211
Ion Ratio Lower Upper
105 100
120 48.9 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 47.64 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion:105 Resp: 427027
Ion Ratio Lower Upper
105 100
120 45.1 35.5 53.3

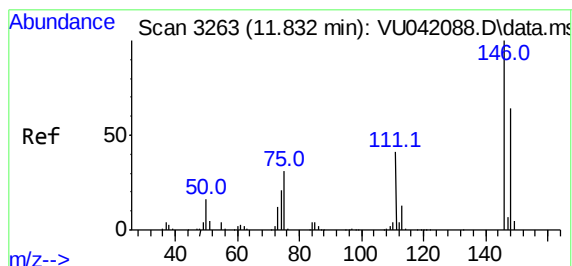
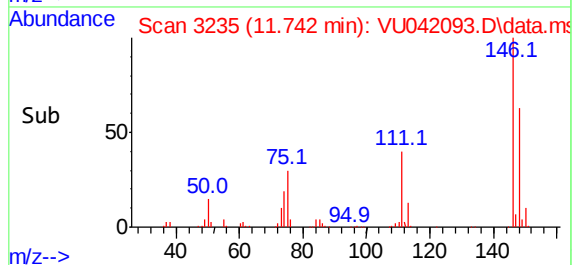
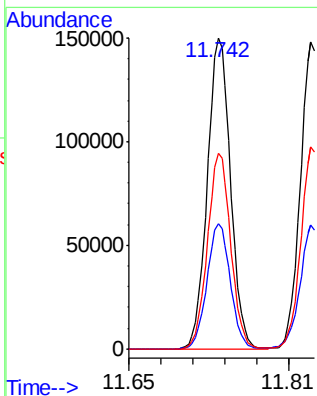
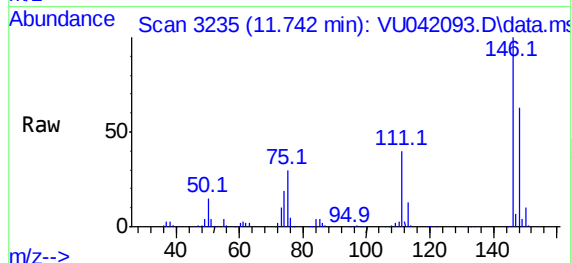




#64
1,3-Dichlorobenzene
Concen: 48.32 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

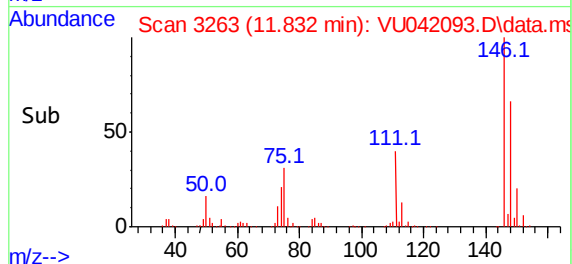
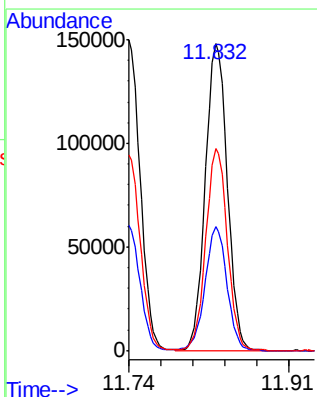
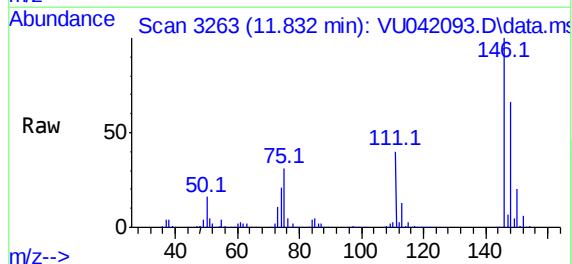
Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

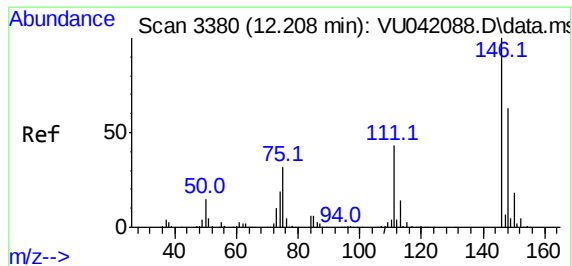
Tgt Ion:146 Resp: 233621
Ion Ratio Lower Upper
146 100
111 40.3 30.7 56.9
148 63.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 48.35 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

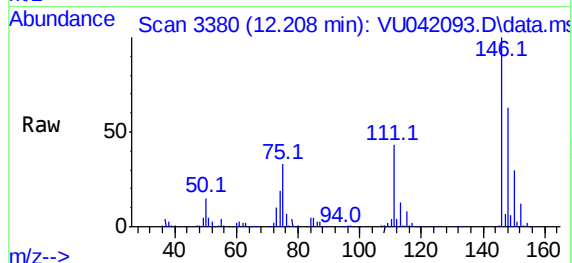
Tgt Ion:146 Resp: 233737
Ion Ratio Lower Upper
146 100
111 40.2 29.4 54.6
148 65.6 45.1 83.9



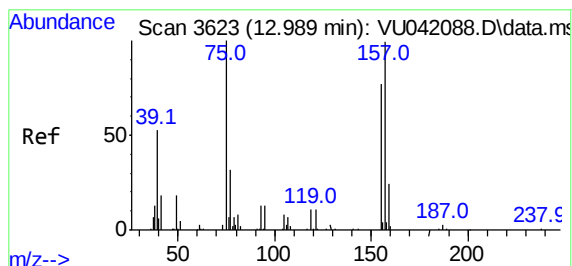
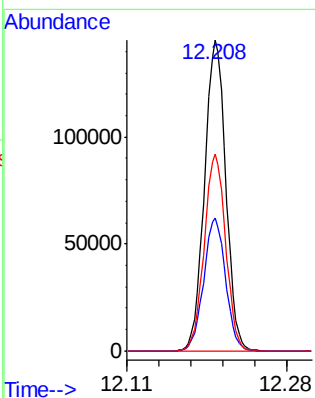
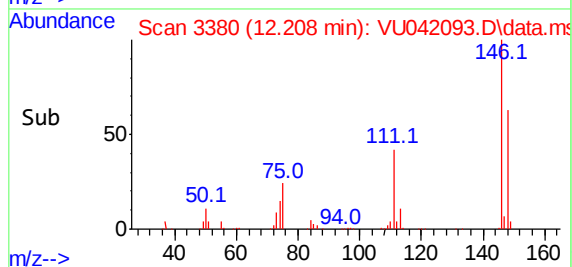


#67
1,2-Dichlorobenzene
Concen: 46.60 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

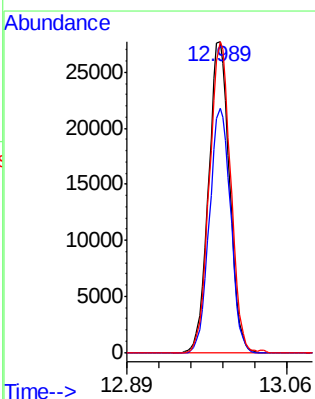
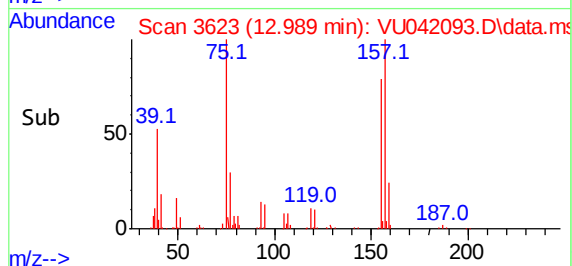
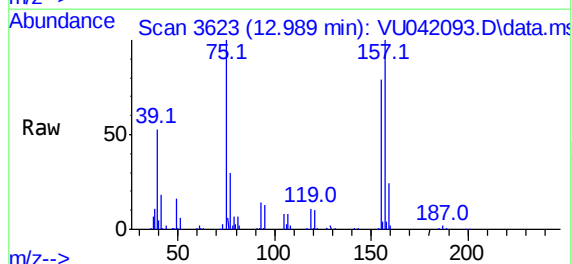


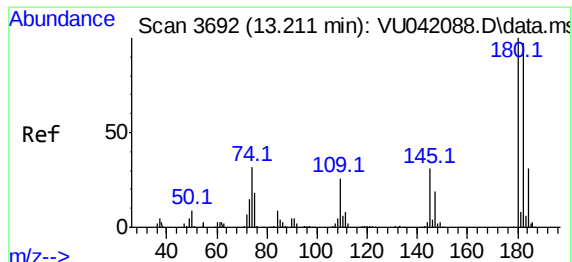
Tgt Ion:146 Resp: 230350
Ion Ratio Lower Upper
146 100
111 42.9 35.4 53.2
148 63.5 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 35.43 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion: 75 Resp: 44280
Ion Ratio Lower Upper
75 100
155 78.5 56.2 84.2
157 99.9 69.5 104.3



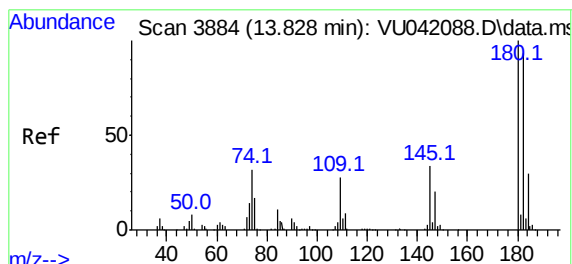
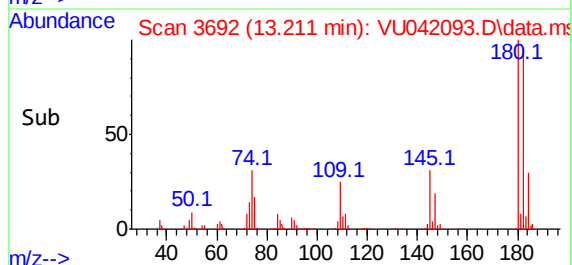
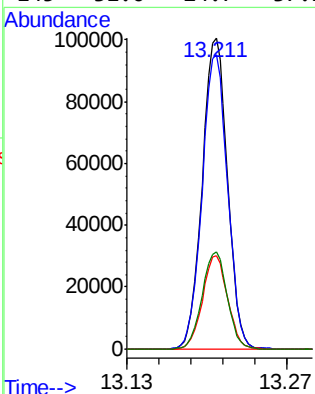
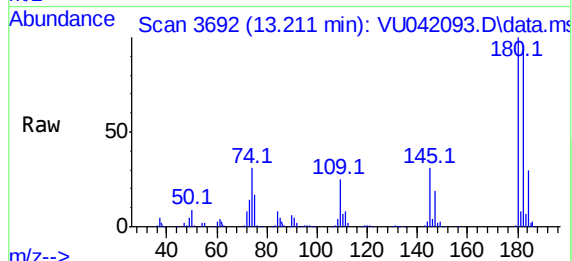


#69
1,3,5-Trichlorobenzene
Concen: 48.32 ug/L
RT: 13.211 min Scan# 3692
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

Tgt Ion:180 Resp: 157723

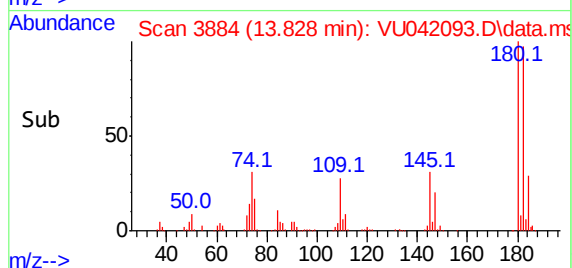
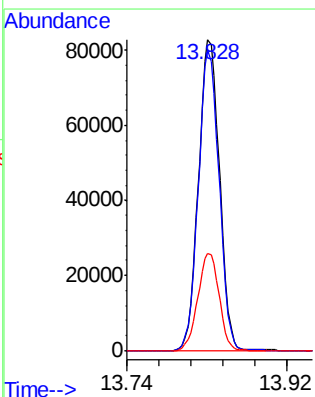
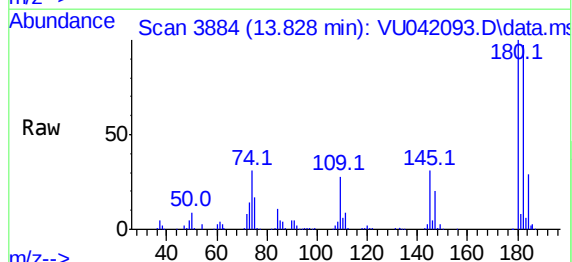
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.1	114.1
184	29.7	24.3	36.5
145	31.0	24.7	37.1

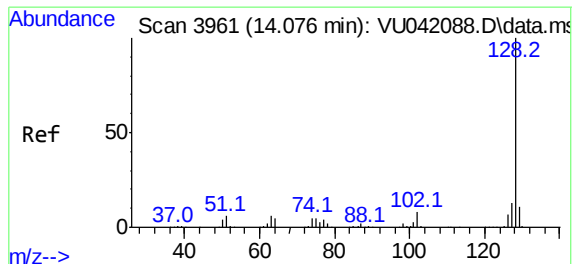


#70
1,2,4-trichlorobenzene
Concen: 52.74 ug/L
RT: 13.828 min Scan# 3884
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion:180 Resp: 132712

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.1	114.1
145	31.6	26.8	40.2

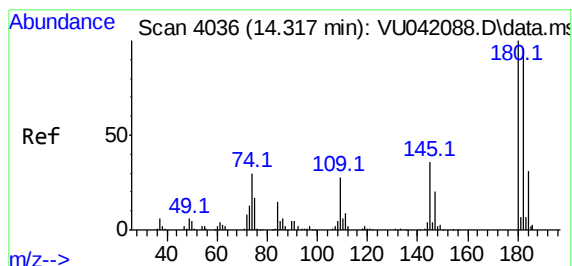
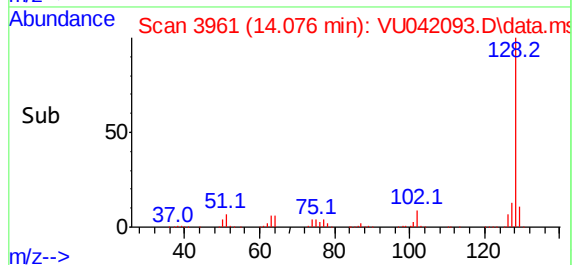
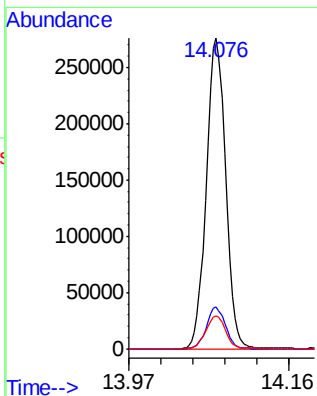
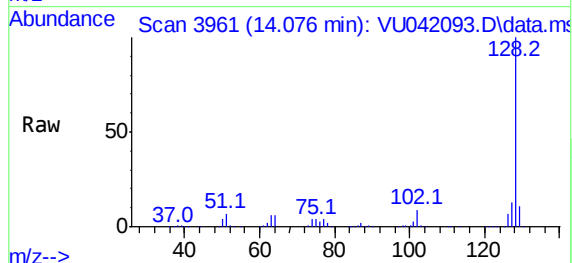




#71
Naphthalene
Concen: 50.24 ug/L
RT: 14.076 min Scan# 3961
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD050162

Tgt Ion:128 Resp: 435293
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.59 ug/L
RT: 14.317 min Scan# 4036
Delta R.T. -0.000 min
Lab File: VU042093.D
Acq: 18 Jan 2021 14:10

Tgt Ion:180 Resp: 132983
Ion Ratio Lower Upper
180 100
182 98.1 75.5 113.3
145 34.2 27.1 40.7

