

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022421\
 Data File : VU042423.D
 Acq On : 24 Feb 2021 12:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050165

Quant Time: Feb 25 02:16:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 25 02:14:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	205032	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	196745	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	107884	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	71809	46.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.08%		
7) Chloroethane-d5	1.916	69	60066	56.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	113.52%		
11) 1,1-Dichloroethene-d2	2.575	63	160814	48.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.66%		
21) 2-Butanone-d5	4.636	46	160182	100.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.34%		
24) Chloroform-d	5.073	84	159206	51.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.76%		
26) 1,2-Dichloroethane-d4	5.713	65	113225	51.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.30%		
32) Benzene-d6	5.736	84	282901	49.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.98%		
36) 1,2-Dichloropropane-d6	6.700	67	94444	49.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.94%		
41) Toluene-d8	7.906	98	270667	49.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.98%		
43) trans-1,3-Dichloroprop...	8.189	79	49564	49.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.86%		
47) 2-Hexanone-d5	8.642	63	107328	99.41	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.41%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	143839	50.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.20%		
66) 1,2-Dichlorobenzene-d4	12.201	152	114881	50.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.56%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	83430	48.55	ug/L	99
3) Chloromethane	1.523	50	78925	50.31	ug/L	99
5) Vinyl chloride	1.607	62	78208	50.28	ug/L	98
6) Bromomethane	1.861	94	50498	57.98	ug/L	97
8) Chloroethane	1.935	64	50267	58.85	ug/L	98
9) Trichlorofluoromethane	2.141	101	128131	53.40	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	73638	51.23	ug/L	99
12) 1,1-Dichloroethene	2.588	96	66720	50.69	ug/L	97
13) Acetone	2.642	43	145164	100.66	ug/L	100
14) Carbon disulfide	2.800	76	192245	48.51	ug/L	99
15) Methyl Acetate	2.958	43	108410	48.89	ug/L	98
16) Methylene chloride	3.054	84	76860	51.64	ug/L	96
17) trans-1,2-Dichloroethene	3.363	96	69228	50.48	ug/L	99
18) Methyl tert-butyl Ether	3.372	73	251793	51.03	ug/L	99
19) 1,1-Dichloroethane	3.880	63	145180	51.08	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	79258	51.42	ug/L	99
22) 2-Butanone	4.716	43	187155	100.22	ug/L	99
23) Bromochloromethane	4.983	128	42535	51.97	ug/L	99
25) Chloroform	5.099	83	149149	51.72	ug/L	99
27) 1,2-Dichloroethane	5.803	62	134143	52.60	ug/L	98

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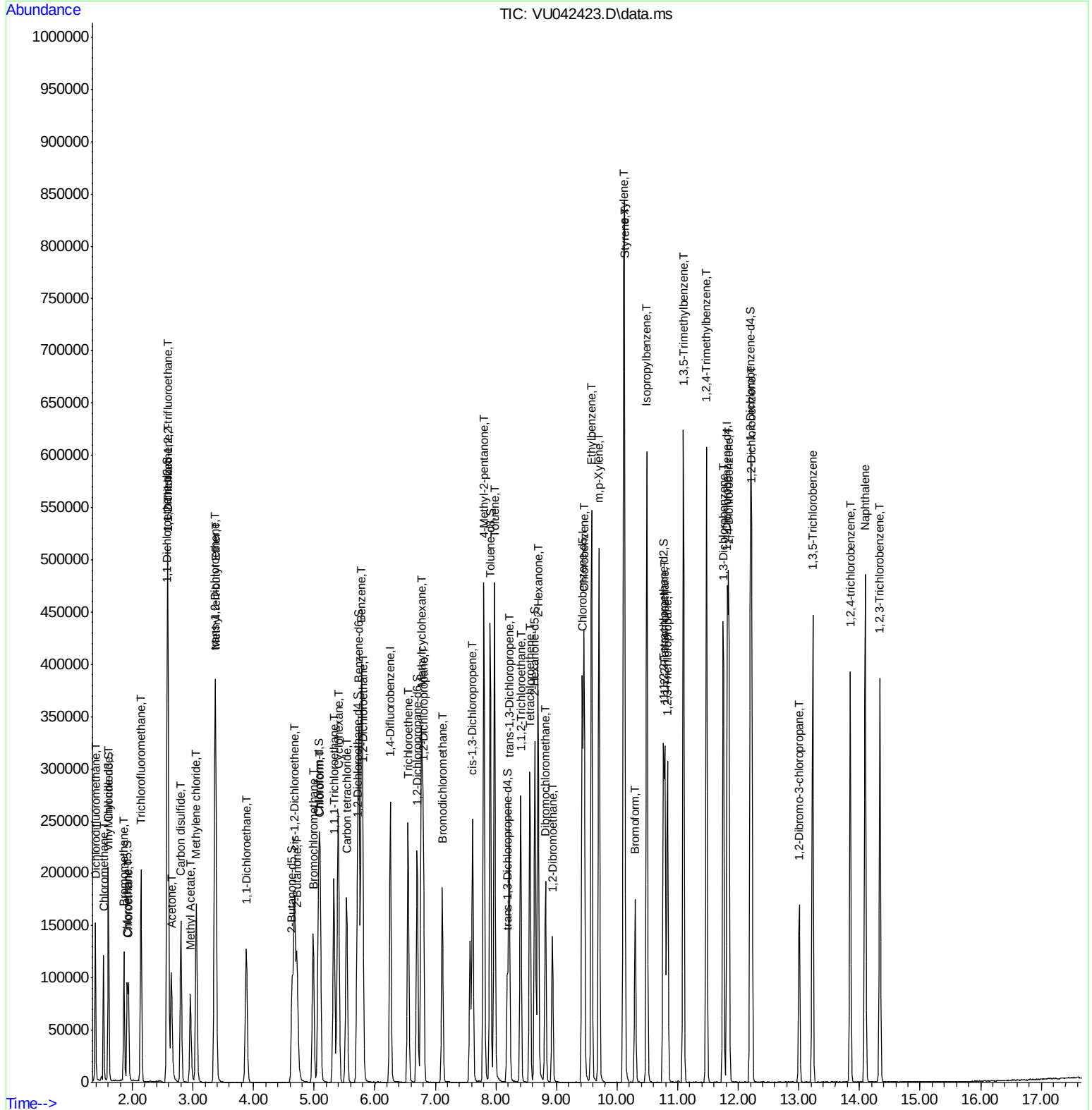
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050165

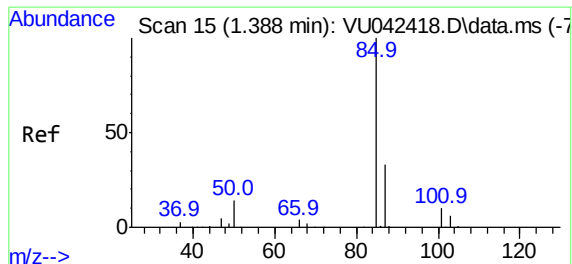
Quant Time: Feb 25 02:16:45 2021
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 Quant Title : VOC Analysis
 QLast Update : Thu Feb 25 02:14:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.398	56	128412	48.99	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	136497	50.70	ug/L	100
31) Carbon tetrachloride	5.533	117	115272	49.78	ug/L	100
33) Benzene	5.784	78	302434	50.28	ug/L	100
34) Trichloroethene	6.549	95	80361	50.99	ug/L	97
35) Methylcyclohexane	6.771	83	120743	49.72	ug/L	98
37) 1,2-Dichloropropane	6.800	63	85140	50.55	ug/L	99
38) Bromodichloromethane	7.115	83	113391	50.09	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	133729	50.98	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	331326	99.63	ug/L	99
42) Toluene	7.977	91	328672	51.14	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	133199	51.55	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	77286	50.03	ug/L	98
46) Tetrachloroethene	8.562	164	64871	52.09	ug/L	97
48) 2-Hexanone	8.694	43	271506	100.84	ug/L	100
49) Dibromochloromethane	8.819	129	93128	51.76	ug/L	99
50) 1,2-Dibromoethane	8.932	107	87518	50.52	ug/L	100
51) Chlorobenzene	9.456	112	206383	50.61	ug/L	99
52) Ethylbenzene	9.578	91	370064	51.71	ug/L	100
53) m,p-Xylene	9.700	106	134858	50.56	ug/L	98
54) o-xylene	10.108	106	137929	51.99	ug/L	98
55) Styrene	10.121	104	234534	51.71	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	141090	50.17	ug/L	100
59) Bromoform	10.298	173	78242	51.71	ug/L	99
60) 1,2,3-Trichloropropane	10.832	75	119203	50.13	ug/L	99
61) Isopropylbenzene	10.491	105	369346	51.43	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	316901	50.99	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	321255	51.31	ug/L	99
64) 1,3-Dichlorobenzene	11.755	146	173043	51.10	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	170238	49.36	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	176256	50.64	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	39307	49.69	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	134120	51.38	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	114175	52.14	ug/L	99
71) Naphthalene	14.095	128	365035	52.80	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	114507	51.44	ug/L	100

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

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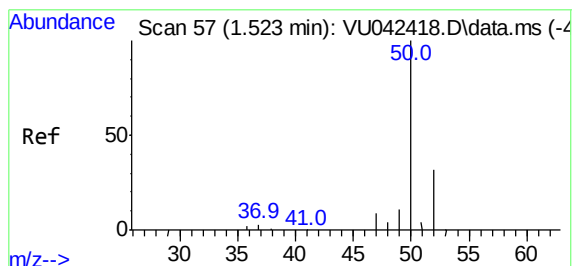
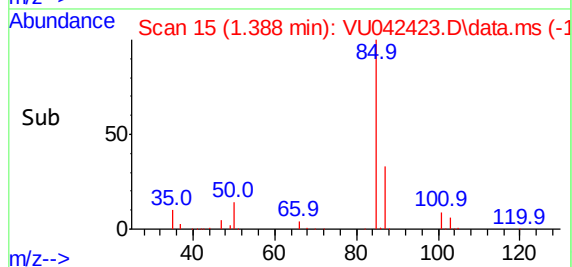
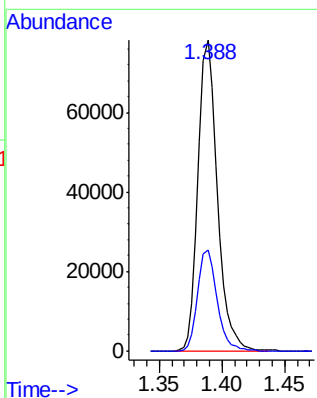
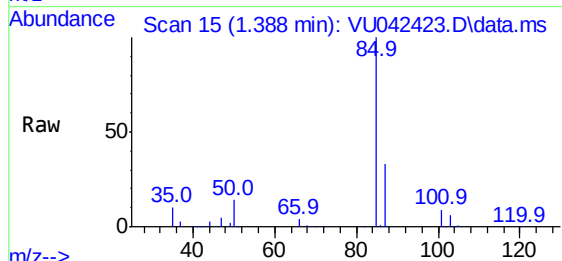




#2
Dichlorodifluoromethane
Concen: 48.55 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

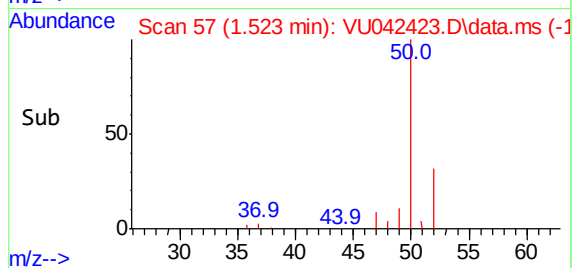
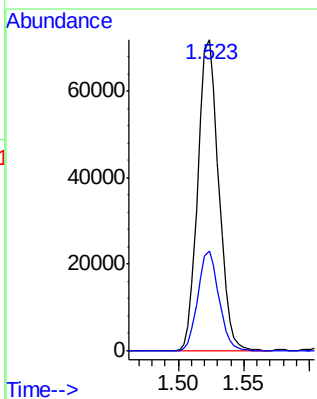
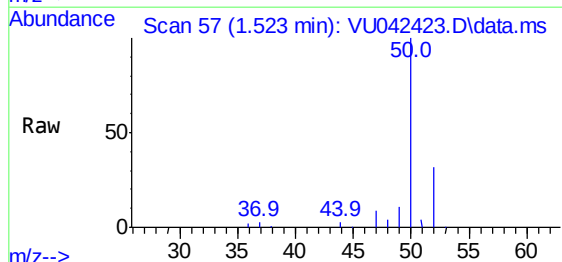
Instrument :
MSVOA_U
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VSTD050165

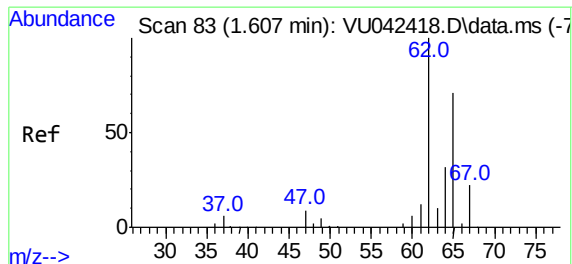
Tgt Ion: 85 Resp: 83430
Ion Ratio Lower Upper
85 100
87 32.5 25.4 38.2



#3
Chloromethane
Concen: 50.31 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 50 Resp: 78925
Ion Ratio Lower Upper
50 100
52 31.8 22.8 42.4

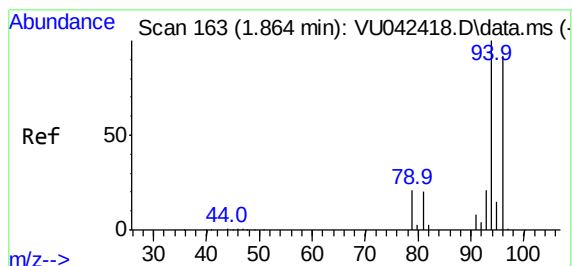
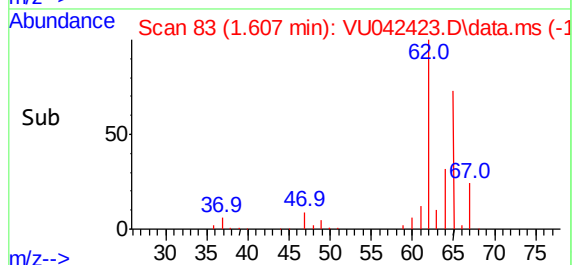
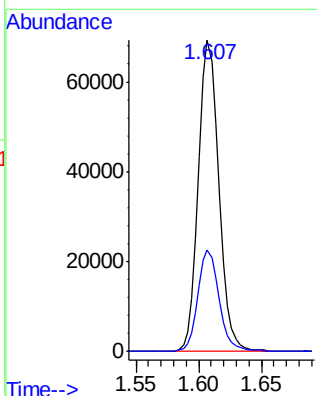
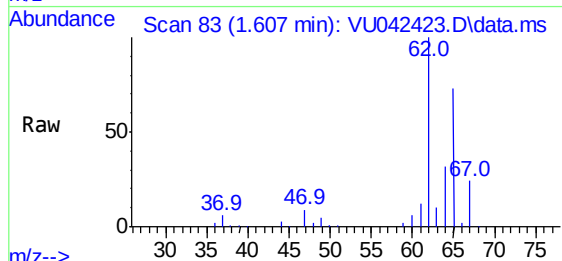




#5
 Vinyl chloride
 Concen: 50.28 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042423.D
 Acq: 24 Feb 2021 12:04

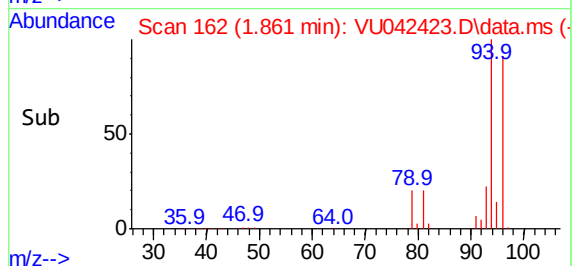
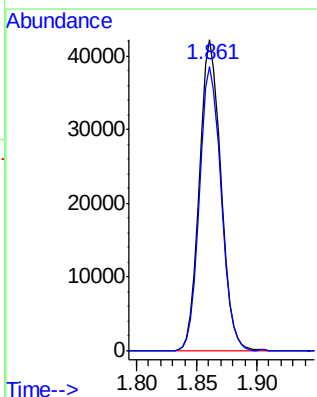
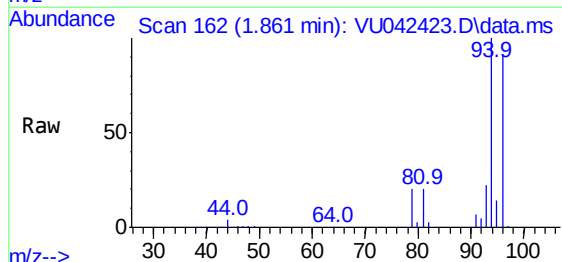
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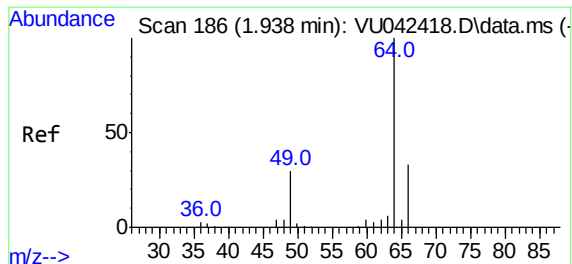
Tgt Ion: 62 Resp: 78208
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.6 43.8



#6
 Bromomethane
 Concen: 57.98 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU042423.D
 Acq: 24 Feb 2021 12:04

Tgt Ion: 94 Resp: 50498
 Ion Ratio Lower Upper
 94 100
 96 91.4 66.3 123.1

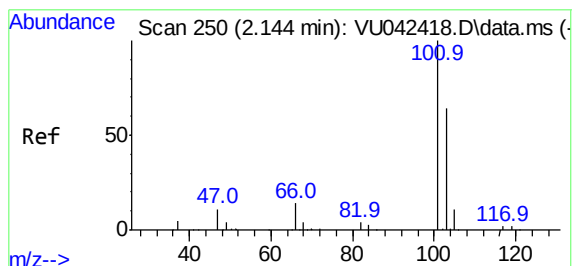
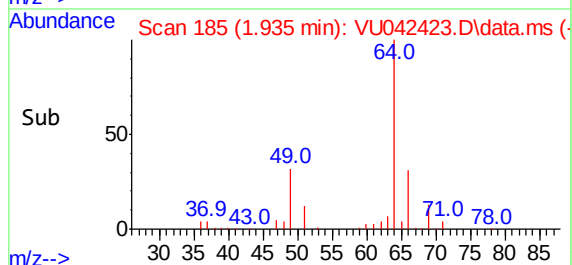
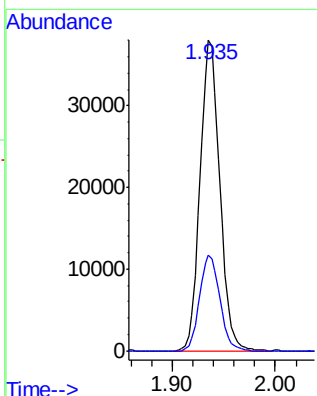
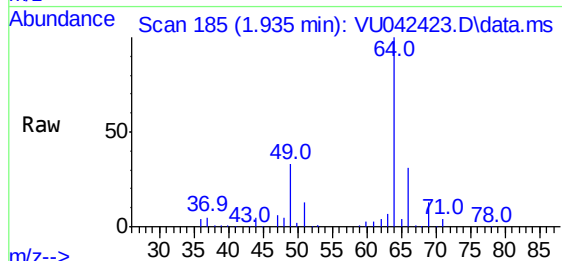




#8
Chloroethane
Concen: 58.85 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

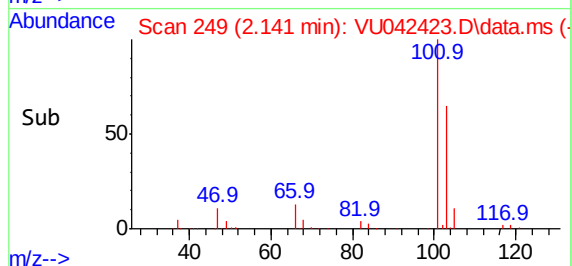
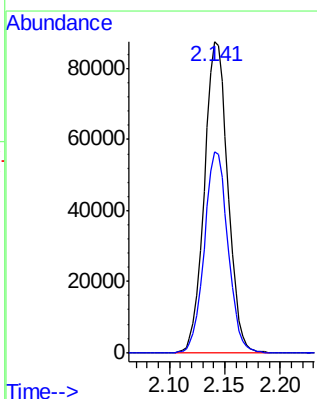
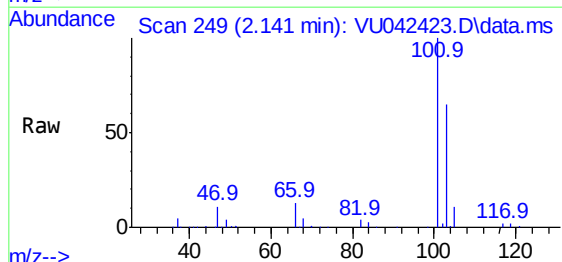
Instrument :
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ClientSampleId :
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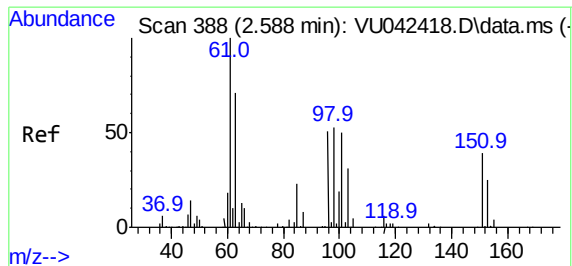
Tgt Ion: 64 Resp: 50267
Ion Ratio Lower Upper
64 100
66 30.8 22.5 41.7



#9
Trichlorofluoromethane
Concen: 53.40 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 101 Resp: 128131
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0

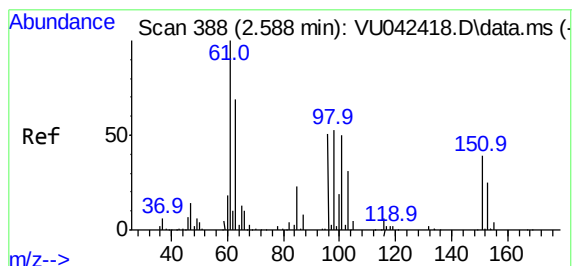
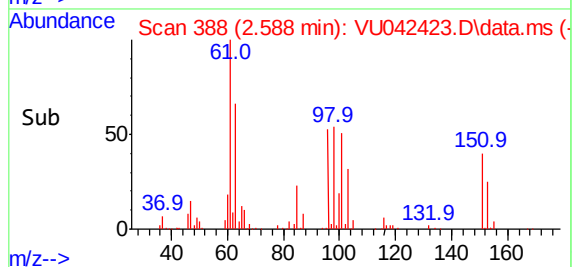
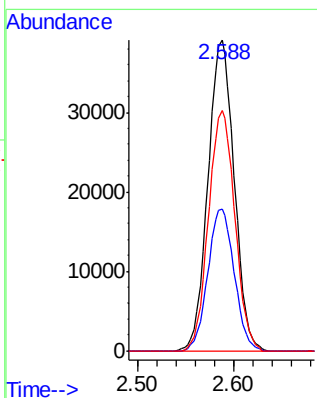
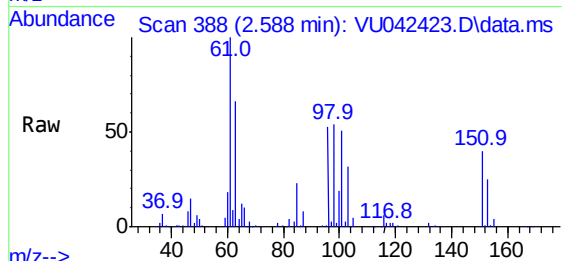




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.23 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042423.D
 Acq: 24 Feb 2021 12:04

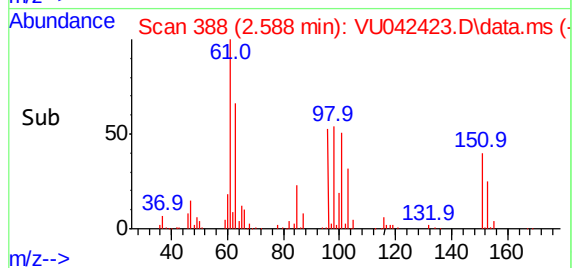
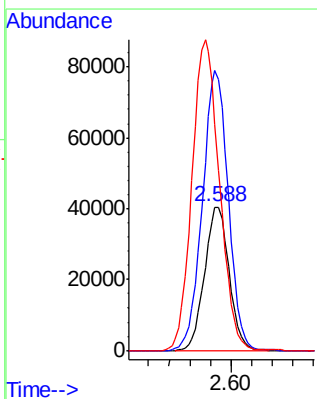
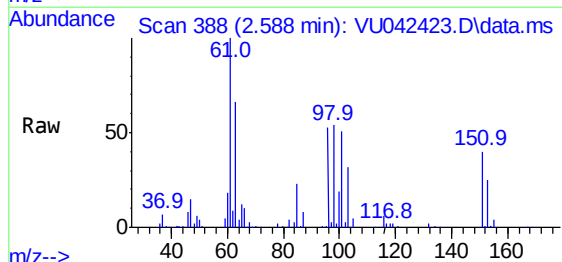
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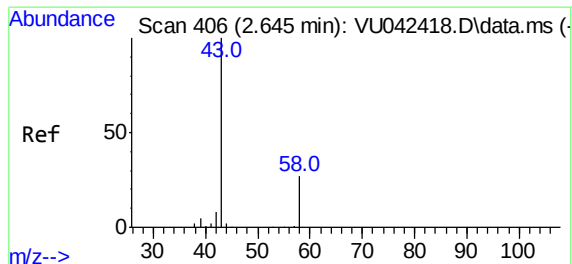
Tgt Ion:101 Resp: 73638
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.7 55.1
 151 77.7 62.9 94.3



#12
 1,1-Dichloroethene
 Concen: 50.69 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042423.D
 Acq: 24 Feb 2021 12:04

Tgt Ion: 96 Resp: 66720
 Ion Ratio Lower Upper
 96 100
 61 189.5 131.6 244.4
 63 125.5 92.6 172.0

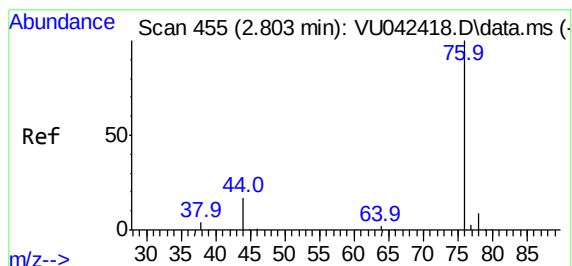
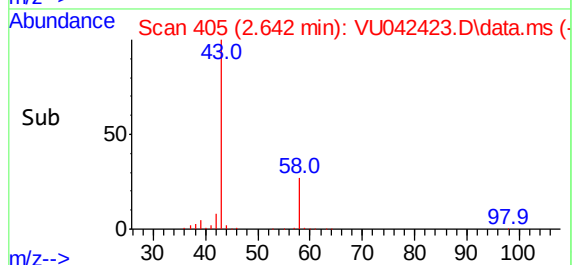
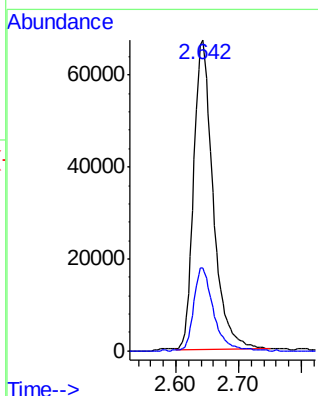
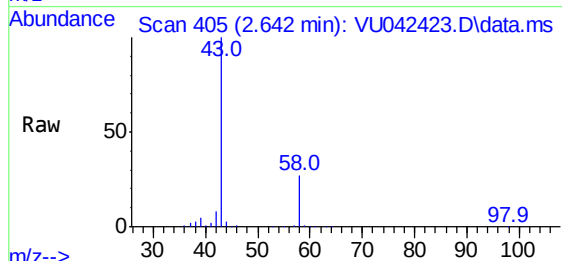




#13
Acetone
Concen: 100.66 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

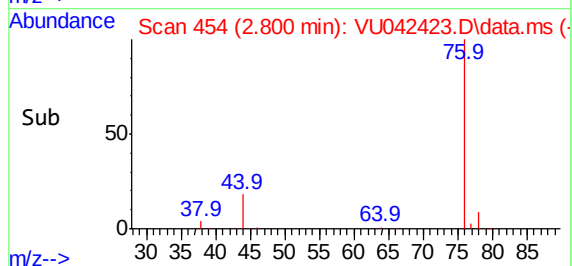
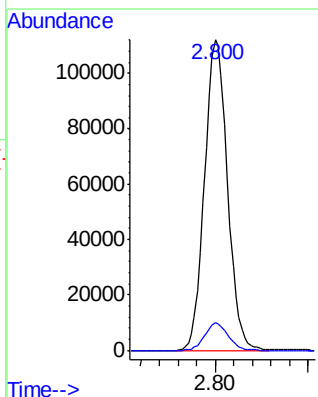
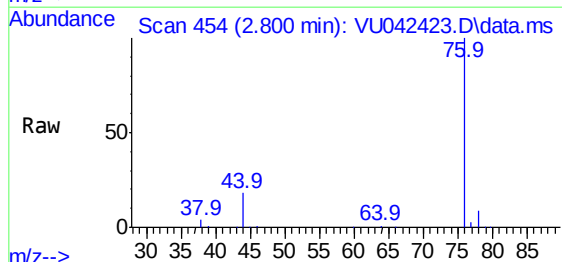
Instrument :
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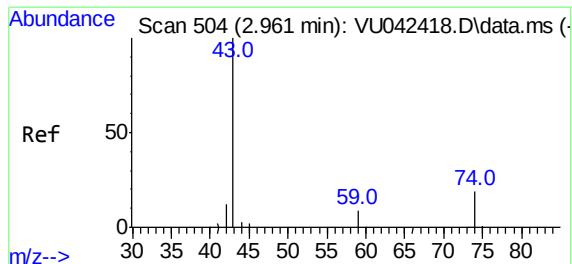
Tgt Ion: 43 Resp: 145164
Ion Ratio Lower Upper
43 100
58 27.1 0.0 54.0



#14
Carbon disulfide
Concen: 48.51 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 76 Resp: 192245
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

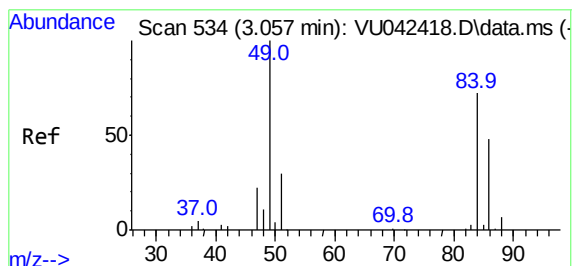
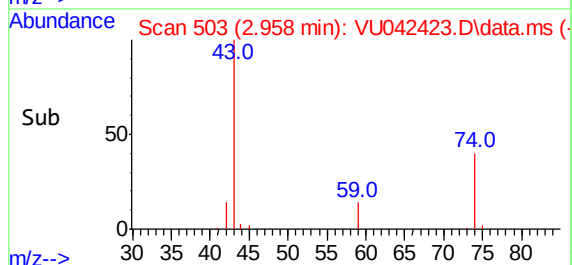
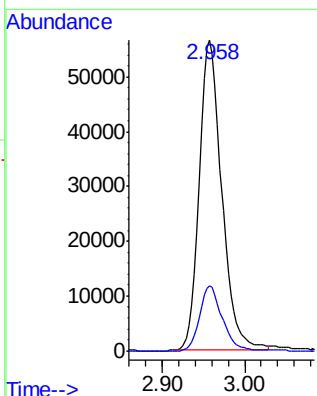
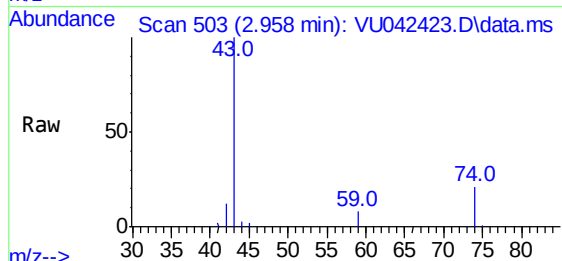




#15
Methyl Acetate
Concen: 48.89 ug/L
RT: 2.958 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

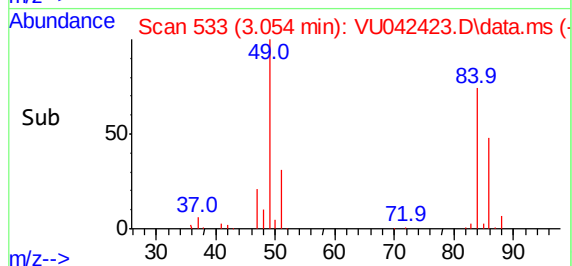
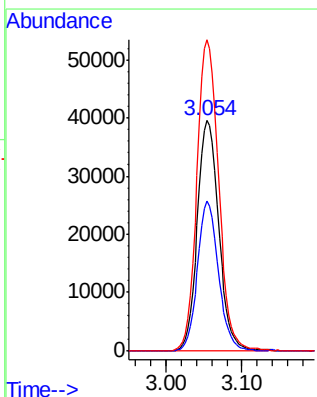
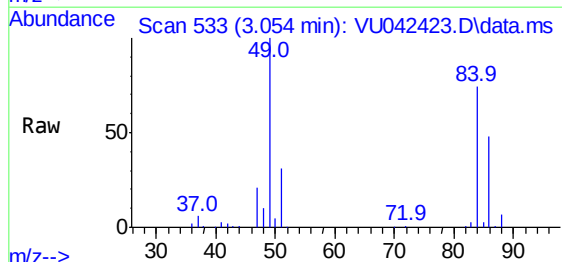
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

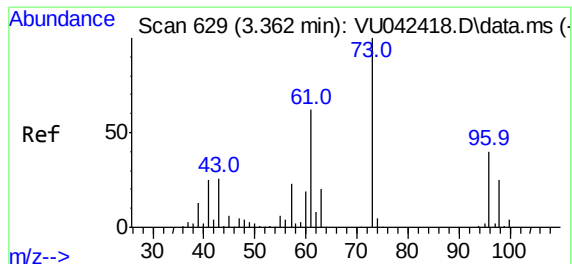
Tgt Ion: 43 Resp: 108410
Ion Ratio Lower Upper
43 100
74 20.8 15.8 23.6



#16
Methylene chloride
Concen: 51.64 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 84 Resp: 76860
Ion Ratio Lower Upper
84 100
86 64.8 46.0 85.4
49 135.2 99.5 184.9

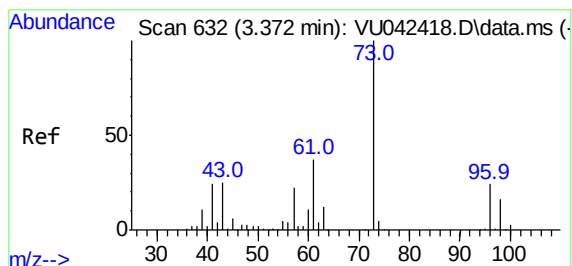
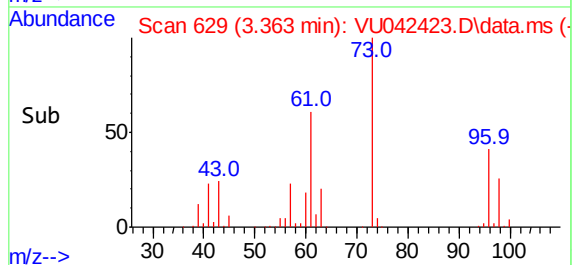
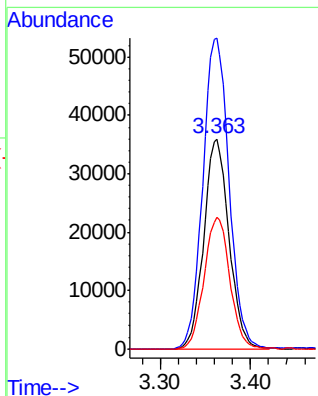
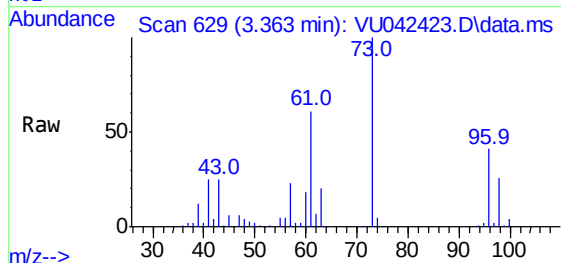




#17
trans-1,2-Dichloroethene
Concen: 50.48 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

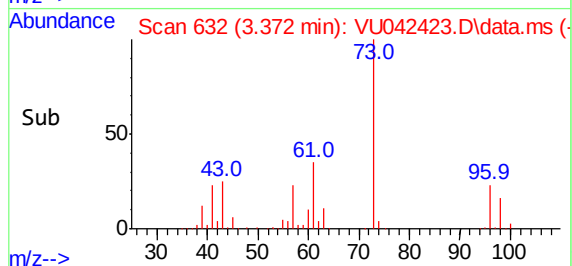
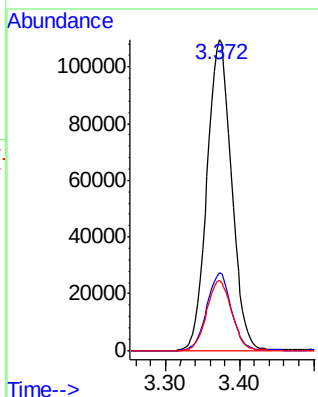
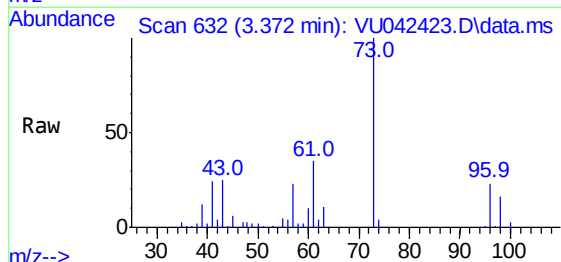
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

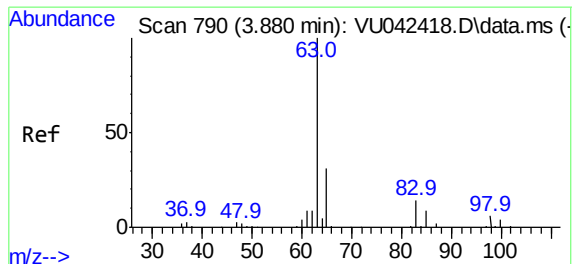
Tgt Ion: 96 Resp: 69228
Ion Ratio Lower Upper
96 100
61 148.1 104.6 194.2
98 62.6 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 51.03 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 73 Resp: 251793
Ion Ratio Lower Upper
73 100
43 24.9 19.4 29.0
57 22.9 18.2 27.2

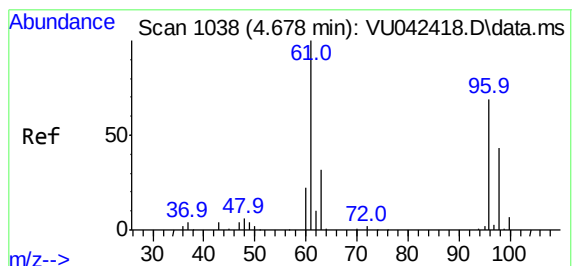
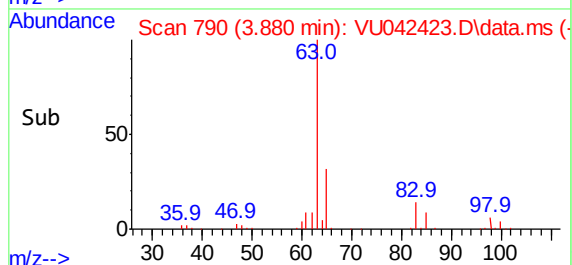
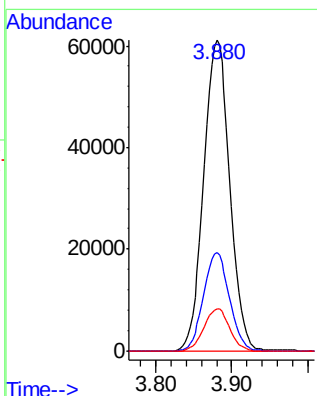
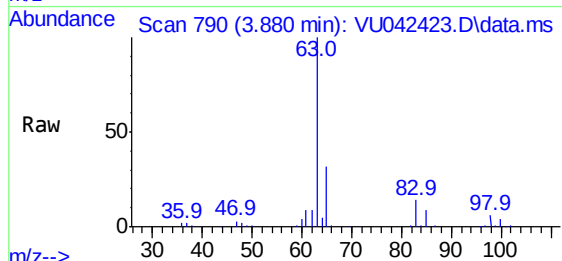




#19
1,1-Dichloroethane
Concen: 51.08 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

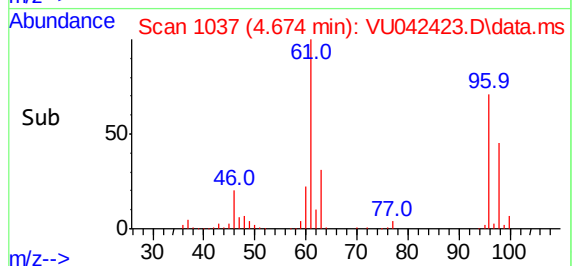
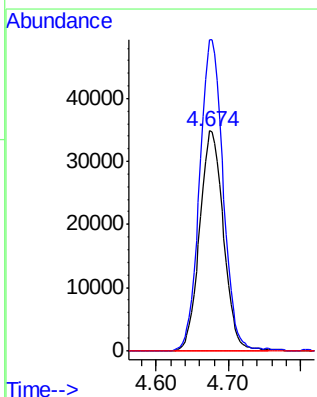
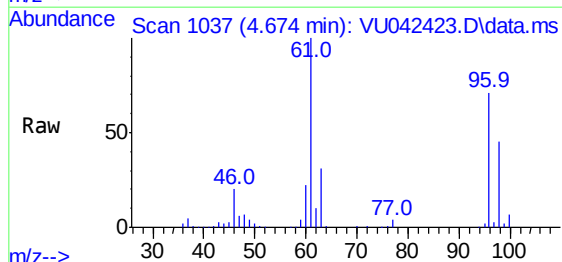
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

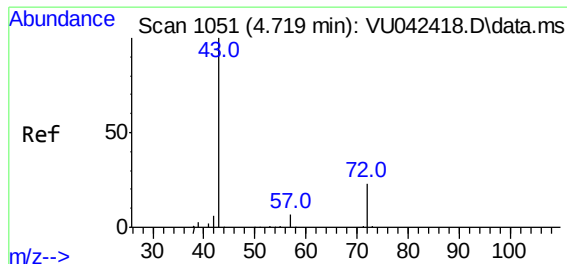
Tgt Ion: 63 Resp: 145180
Ion Ratio Lower Upper
63 100
65 31.8 21.8 40.4
83 13.6 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 51.42 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 96 Resp: 79258
Ion Ratio Lower Upper
96 100
61 141.5 98.6 183.0
68 0.0 0.0 0.0

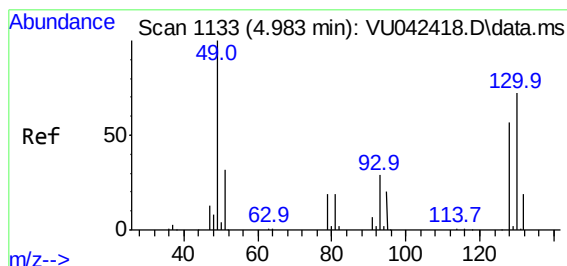
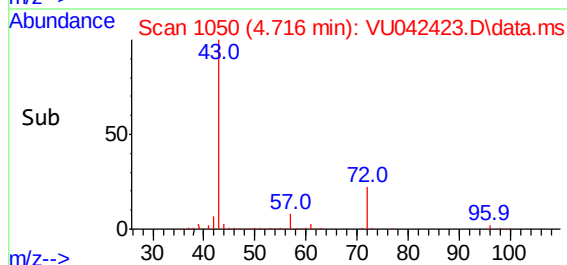
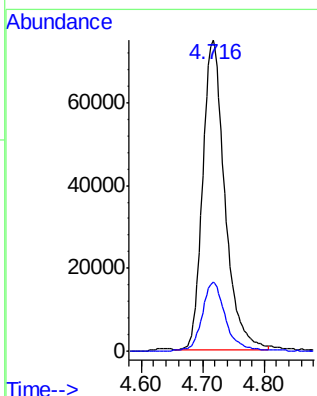
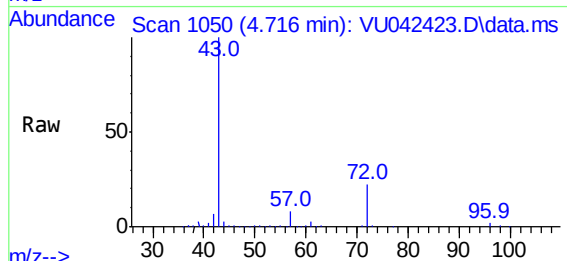




#22
2-Butanone
Concen: 100.22 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

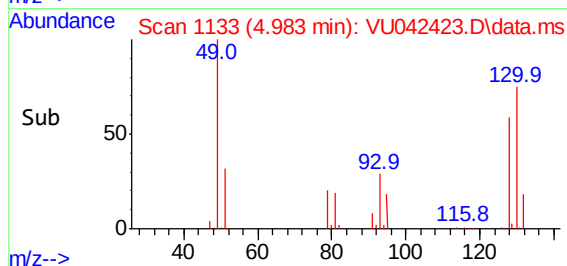
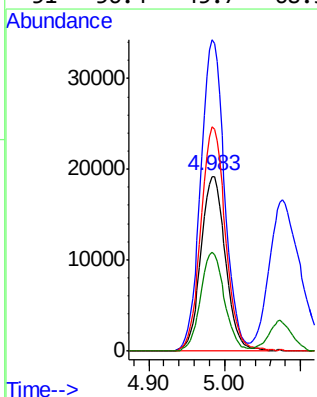
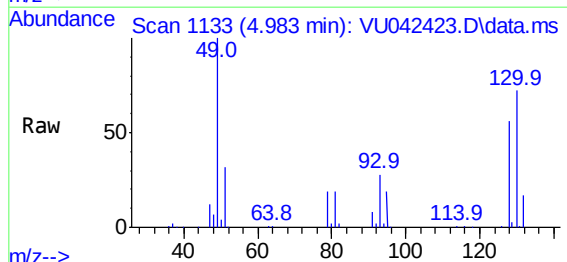
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

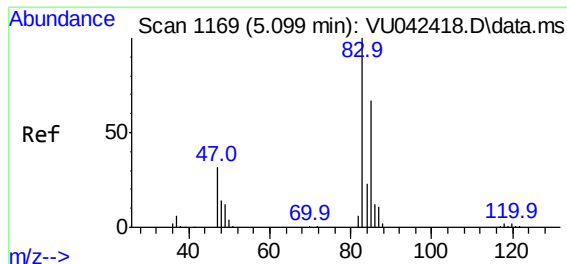
Tgt Ion: 43 Resp: 187155
Ion Ratio Lower Upper
43 100
72 23.0 11.7 35.1



#23
Bromochloromethane
Concen: 51.97 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion:128 Resp: 42535
Ion Ratio Lower Upper
128 100
49 178.4 125.9 233.9
130 128.4 91.7 170.3
51 56.4 45.7 68.5

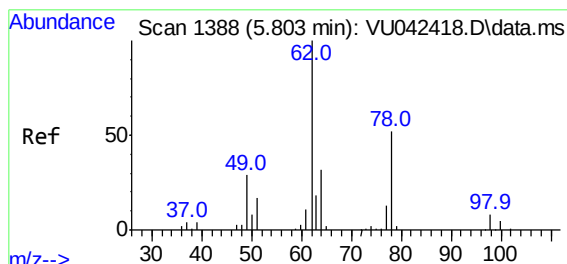
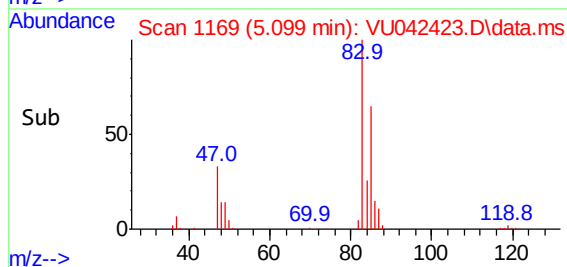
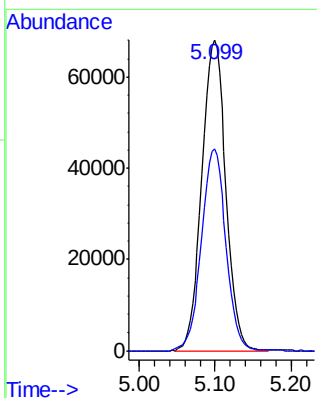
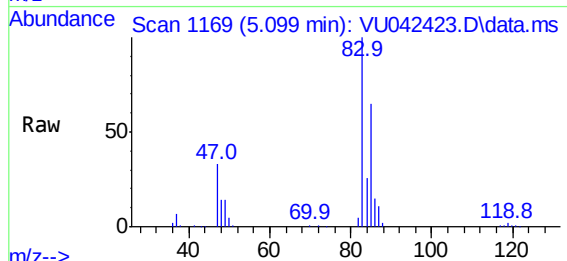




#25
Chloroform
Concen: 51.72 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

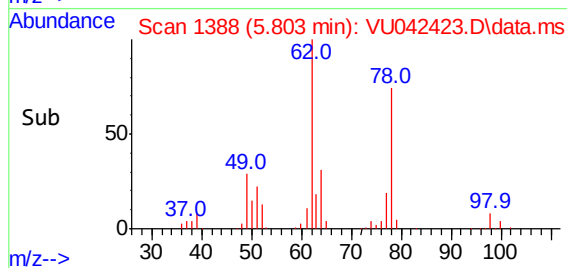
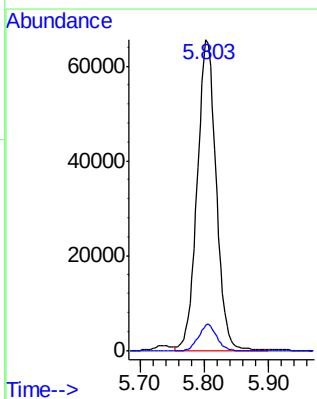
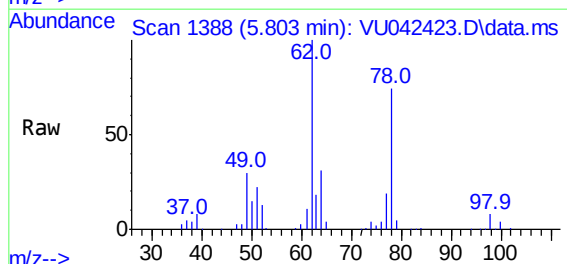
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

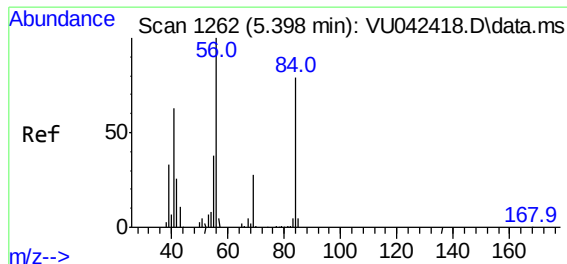
Tgt Ion: 83 Resp: 149149
Ion Ratio Lower Upper
83 100
85 65.1 46.1 85.5



#27
1,2-Dichloroethane
Concen: 52.60 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 62 Resp: 134143
Ion Ratio Lower Upper
62 100
98 8.1 5.8 8.8



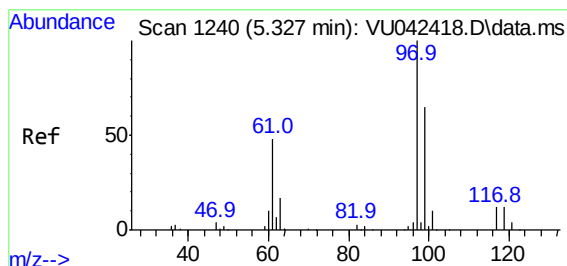
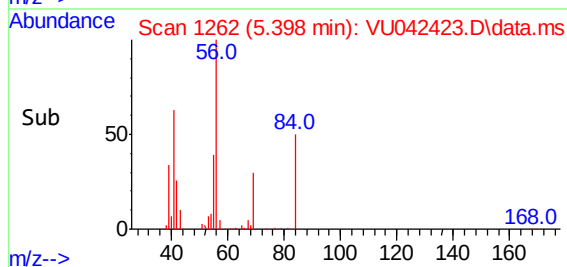
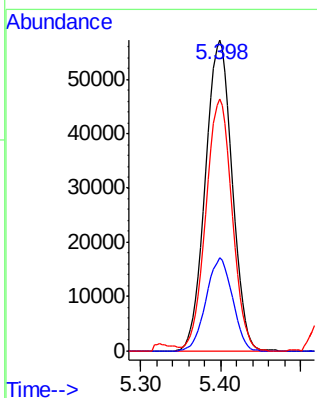
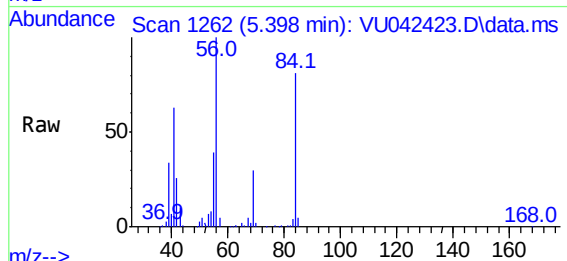


#29
Cyclohexane
Concen: 48.99 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

Tgt Ion: 56 Resp: 128412

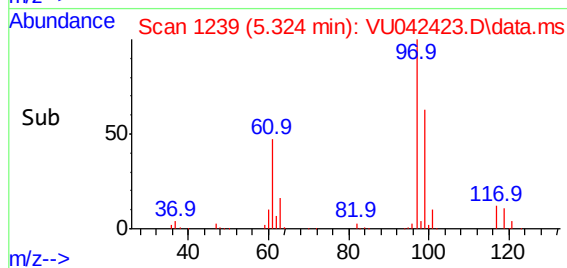
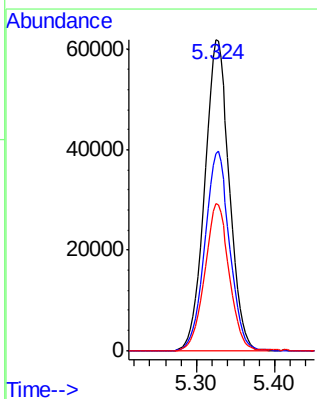
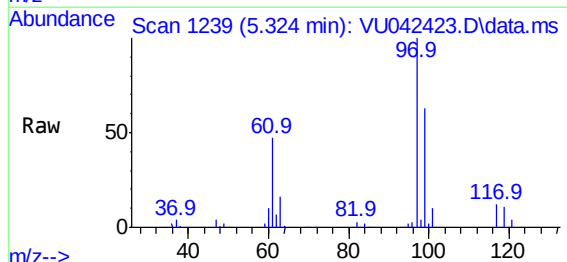
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.5	35.3
84	79.8	64.2	96.2

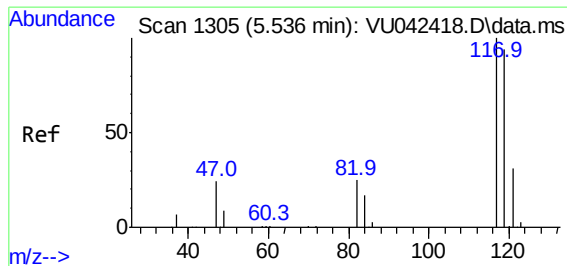


#30
1,1,1-Trichloroethane
Concen: 50.70 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 97 Resp: 136497

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	46.9	37.7	56.5

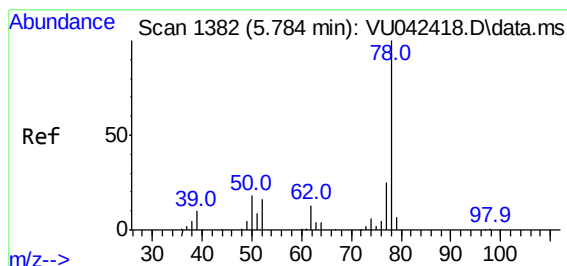
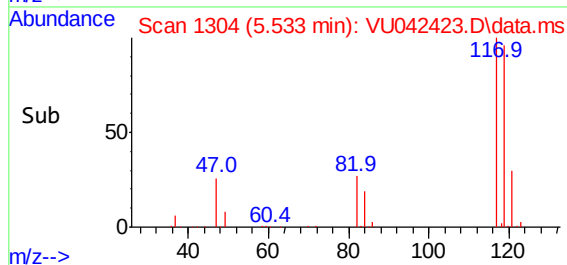
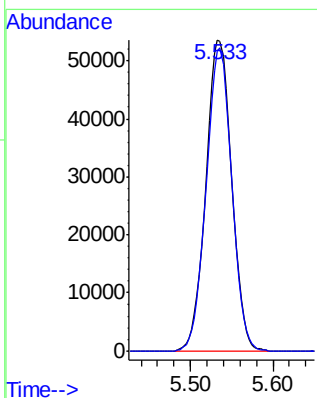
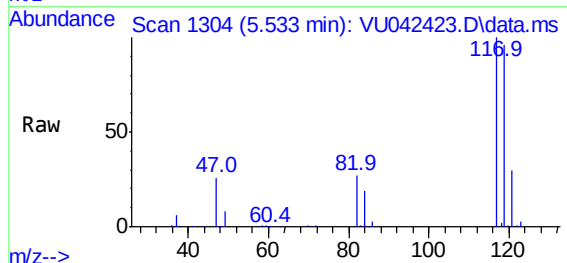




#31
Carbon tetrachloride
Concen: 49.78 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

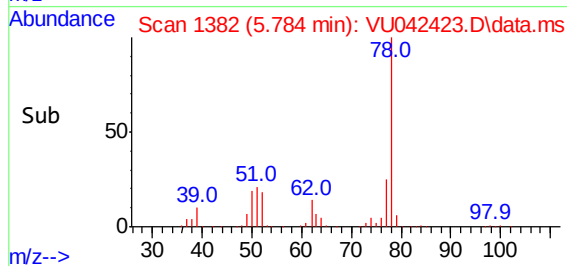
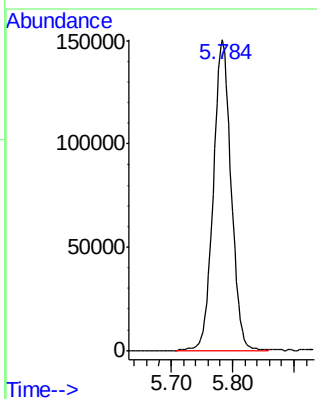
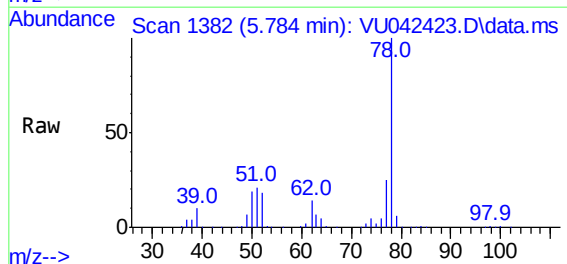
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

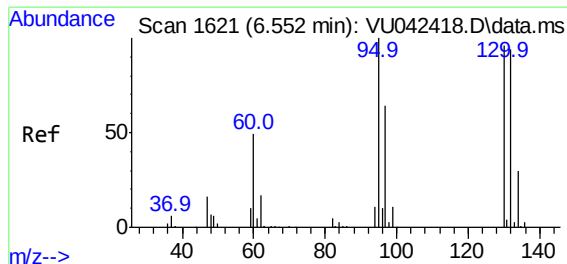
Tgt Ion:117 Resp: 115272
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3



#33
Benzene
Concen: 50.28 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 78 Resp: 302434



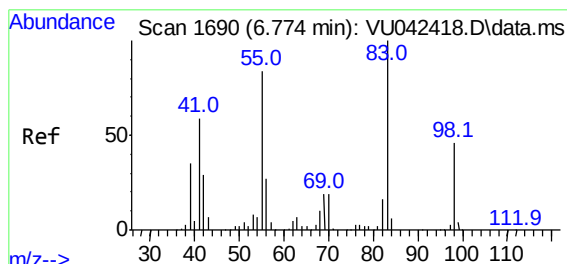
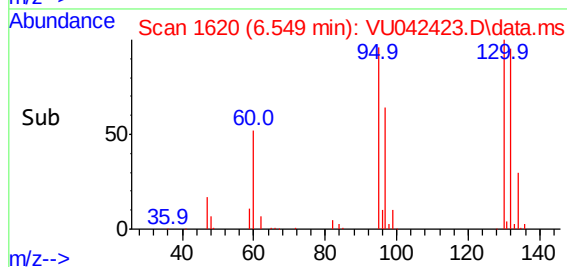
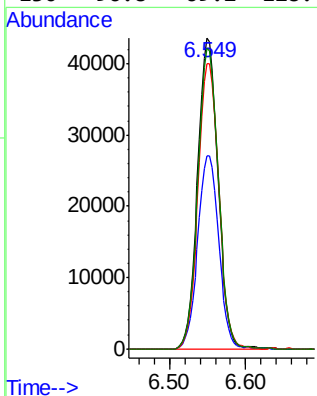
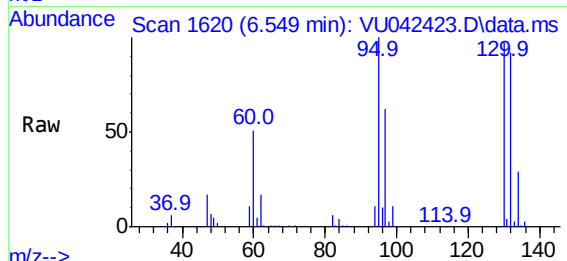


#34
Trichloroethene
Concen: 50.99 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

Tgt Ion: 95 Resp: 80361

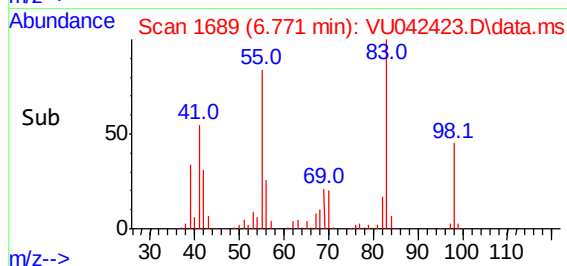
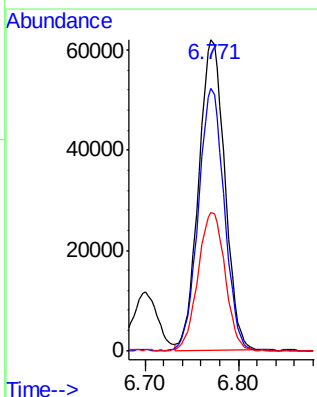
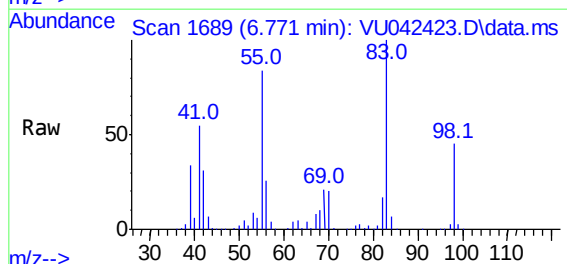
Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.3	84.1
132	91.9	67.5	125.4
130	96.8	69.2	128.4

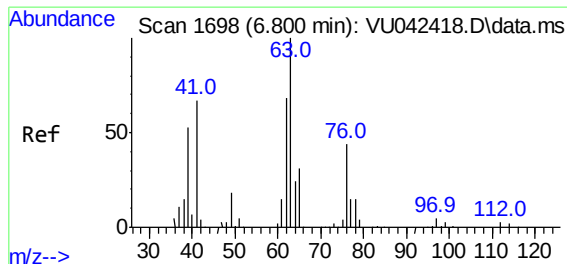


#35
Methylcyclohexane
Concen: 49.72 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 83 Resp: 120743

Ion	Ratio	Lower	Upper
83	100		
55	83.6	68.6	102.8
98	45.8	37.6	56.4

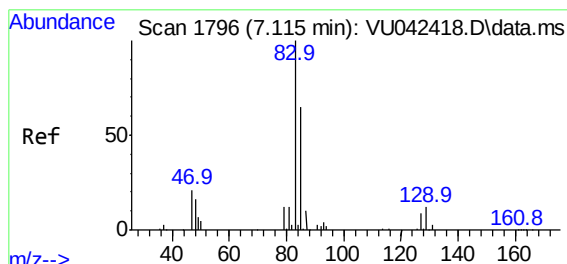
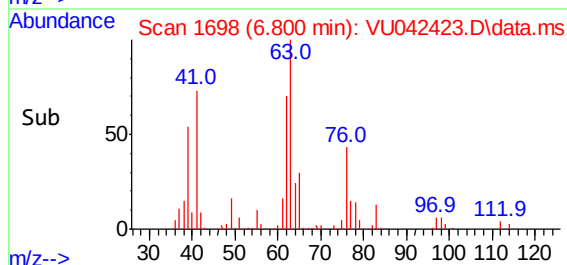
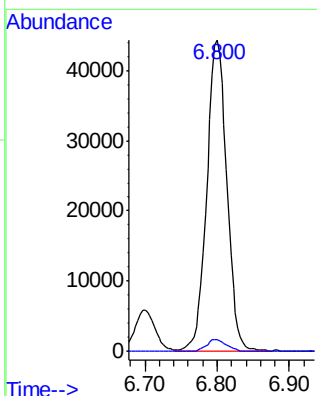
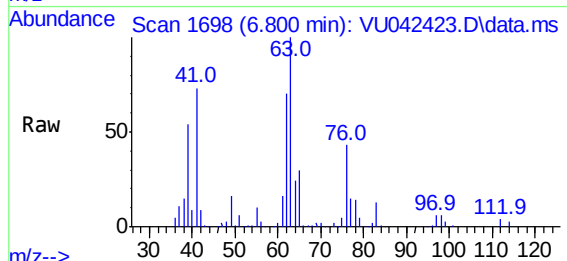




#37
1,2-Dichloropropane
Concen: 50.55 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

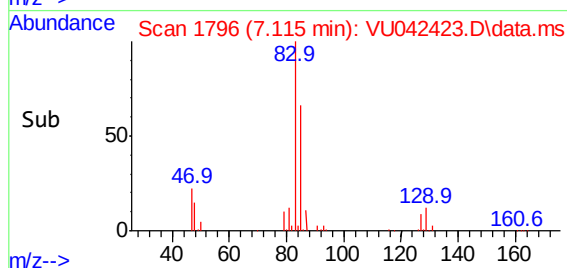
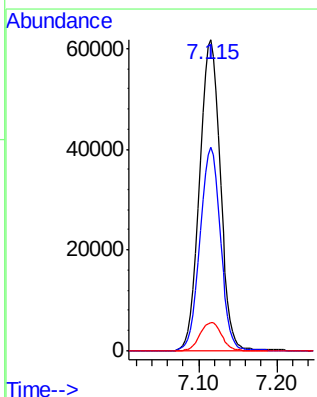
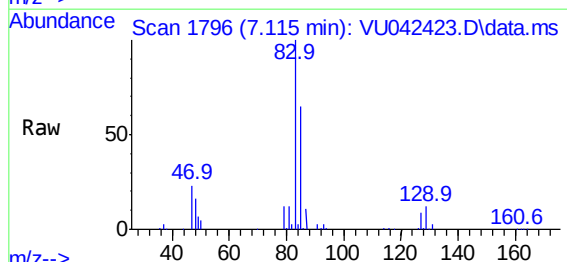
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

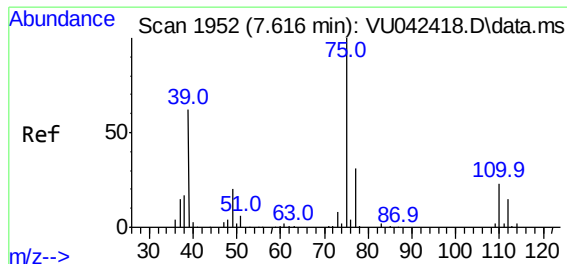
Tgt Ion: 63 Resp: 85140
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.4



#38
Bromodichloromethane
Concen: 50.09 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 83 Resp: 113391
Ion Ratio Lower Upper
83 100
85 65.3 43.8 81.4
127 8.9 6.8 10.2

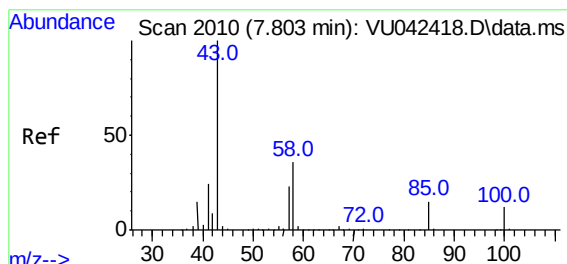
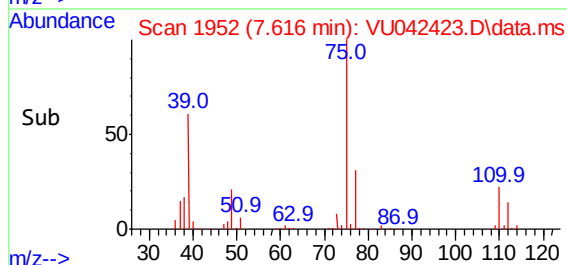
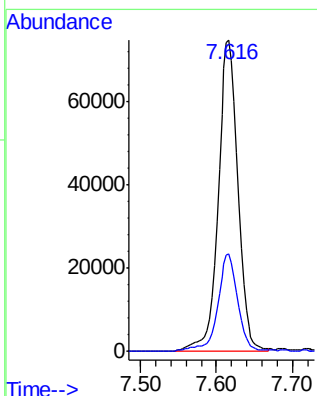
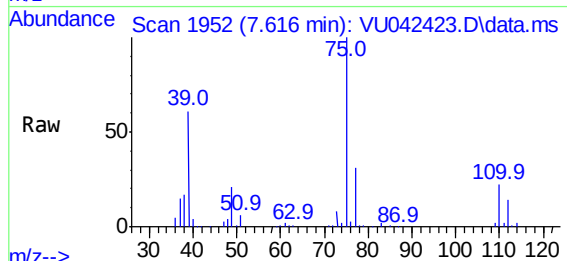




#39
 cis-1,3-Dichloropropene
 Concen: 50.98 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042423.D
 Acq: 24 Feb 2021 12:04

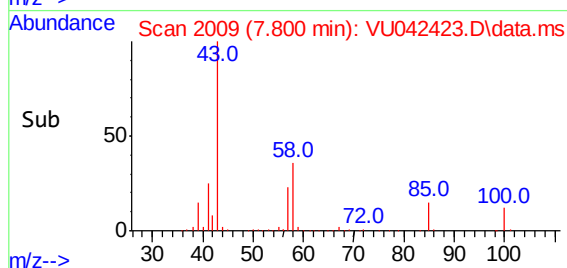
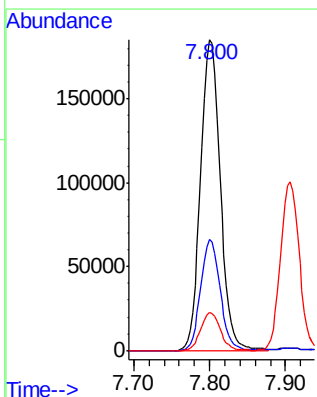
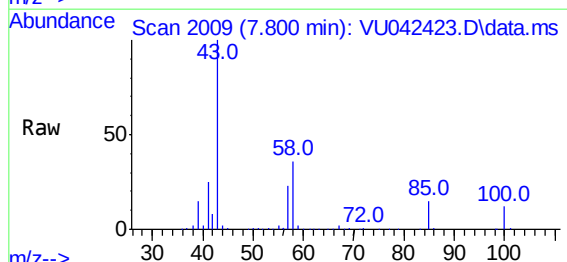
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050165

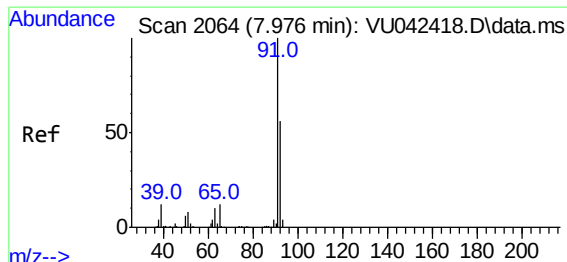
Tgt Ion: 75 Resp: 133729
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 99.63 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU042423.D
 Acq: 24 Feb 2021 12:04

Tgt Ion: 43 Resp: 331326
 Ion Ratio Lower Upper
 43 100
 58 35.3 28.7 43.1
 100 12.1 9.7 14.5





#42

Toluene

Concen: 51.14 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU042423.D

Acq: 24 Feb 2021 12:04

Tgt Ion: 91 Resp: 328672

Ion Ratio Lower Upper

91 100

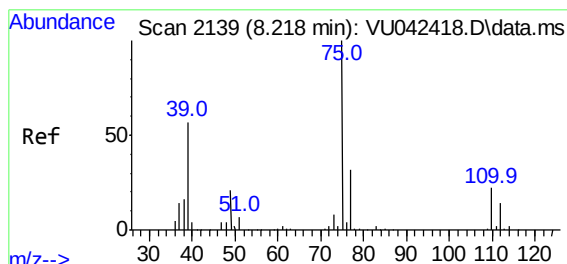
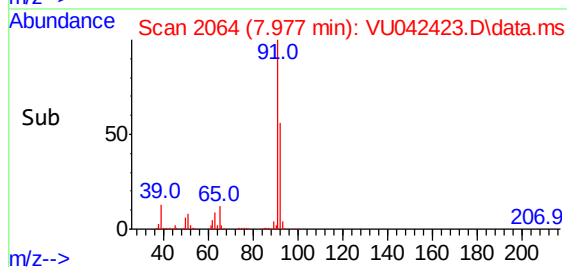
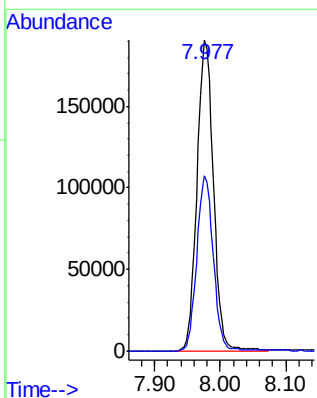
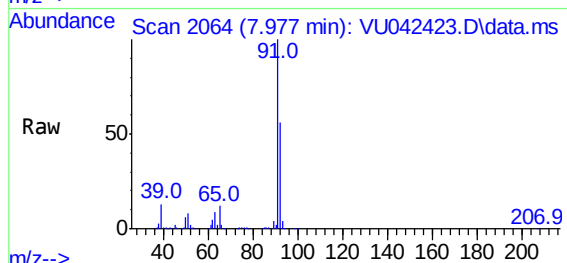
92 56.3 40.3 74.8

Instrument :

MSVOA_U

ClientSampleId :

VSTD050165



#44

trans-1,3-Dichloropropene

Concen: 51.55 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU042423.D

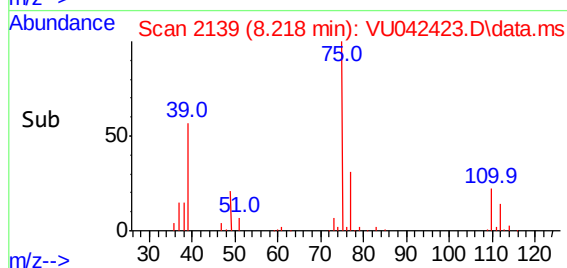
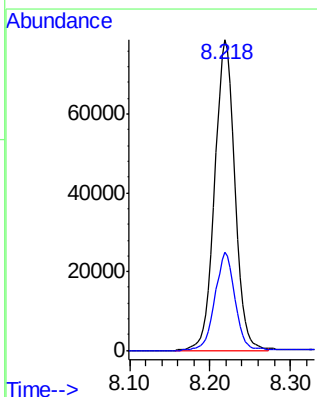
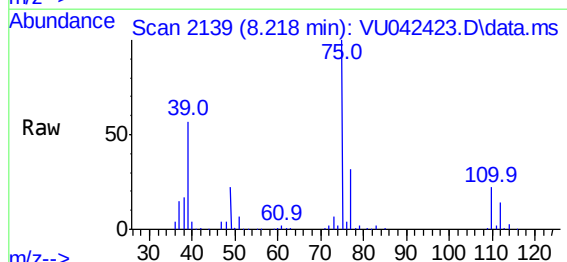
Acq: 24 Feb 2021 12:04

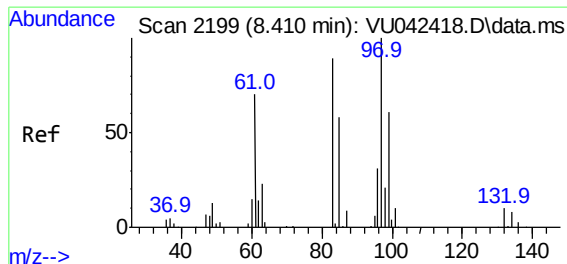
Tgt Ion: 75 Resp: 133199

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.2



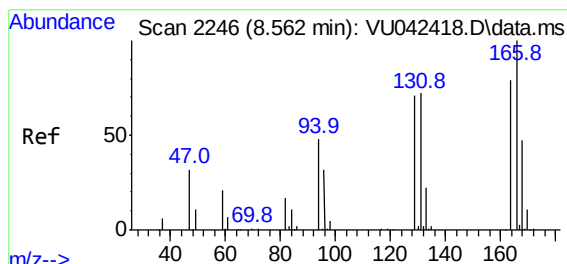
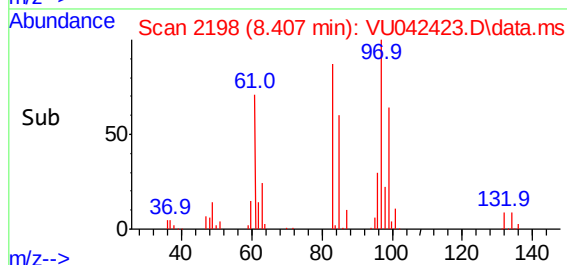
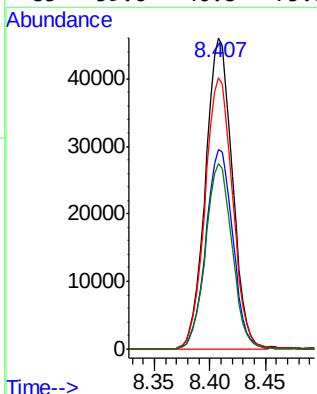
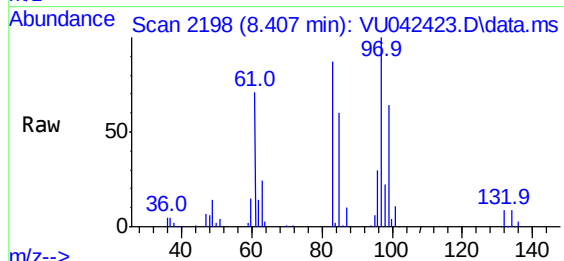


#45
1,1,2-Trichloroethane
Concen: 50.03 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

Tgt Ion: 97 Resp: 77286

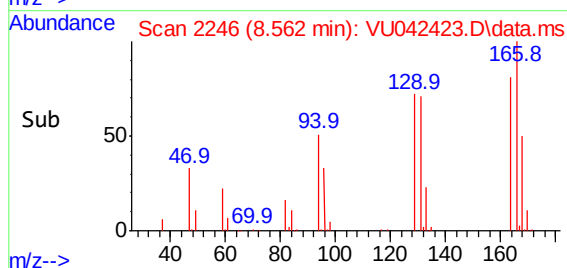
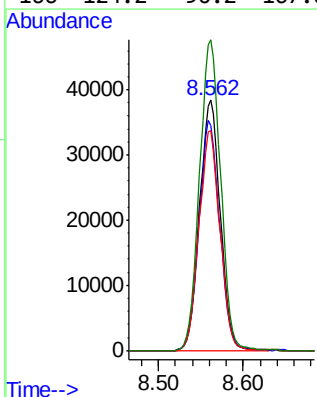
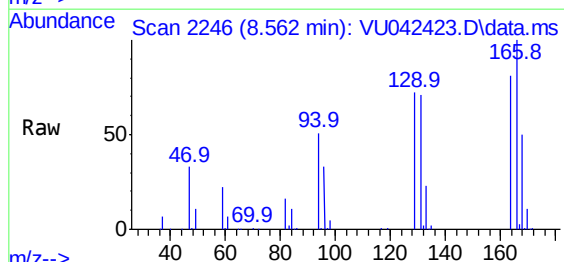
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.7	81.1
83	87.3	61.7	114.7
85	59.6	40.8	75.8

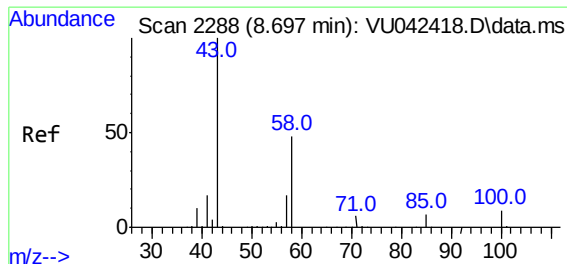


#46
Tetrachloroethene
Concen: 52.09 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 164 Resp: 64871

Ion	Ratio	Lower	Upper
164	100		
129	90.0	65.2	121.2
131	87.7	62.4	115.8
166	124.2	90.2	167.6

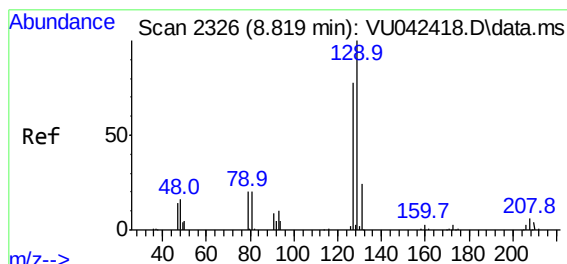
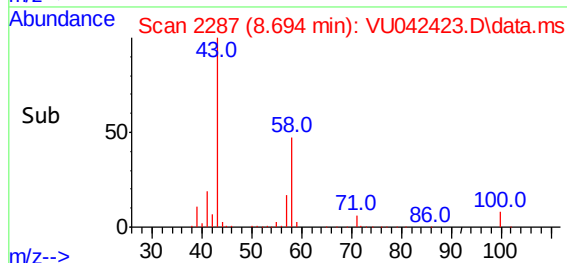
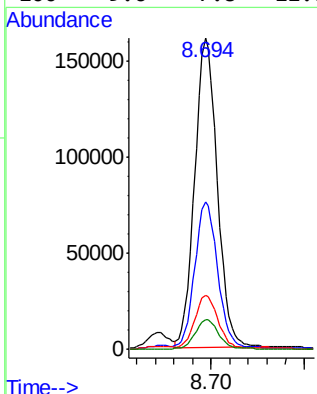
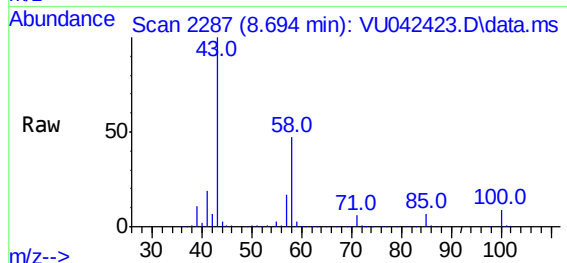




#48
2-Hexanone
Concen: 100.84 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

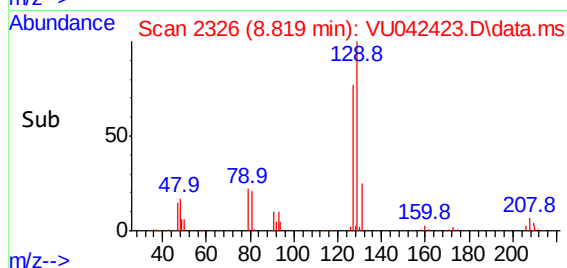
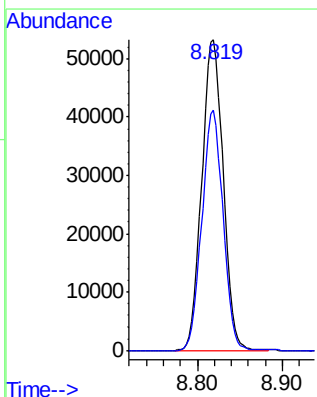
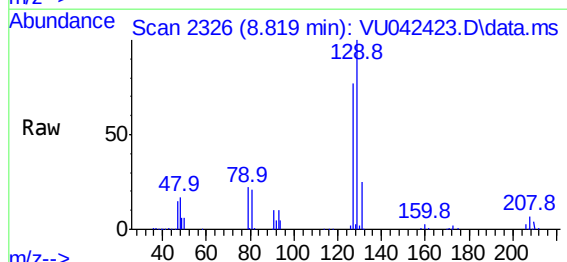
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

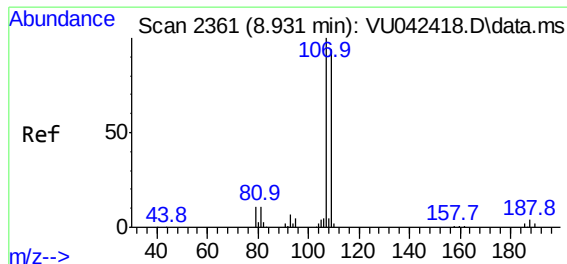
Tgt Ion: 43 Resp: 271506
Ion Ratio Lower Upper
43 100
58 48.9 39.2 58.8
57 17.7 14.4 21.6
100 9.6 7.8 11.6



#49
Dibromochloromethane
Concen: 51.76 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion:129 Resp: 93128
Ion Ratio Lower Upper
129 100
127 77.4 54.7 101.7

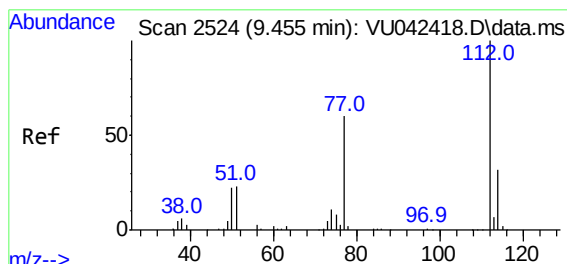
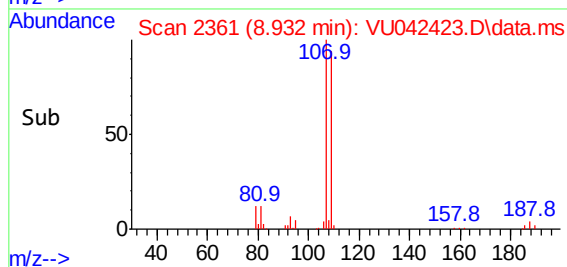
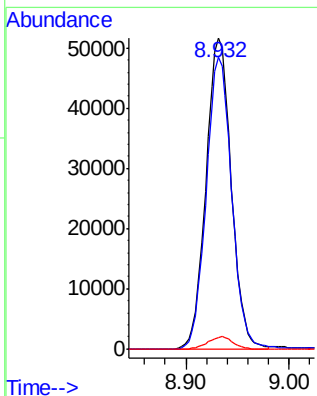
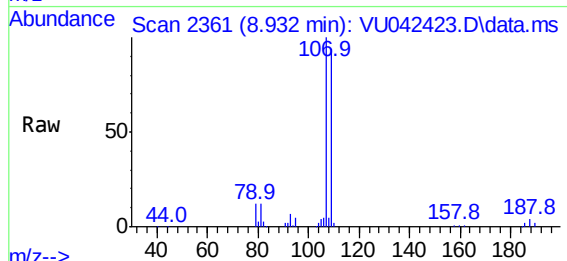




#50
1,2-Dibromoethane
Concen: 50.52 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

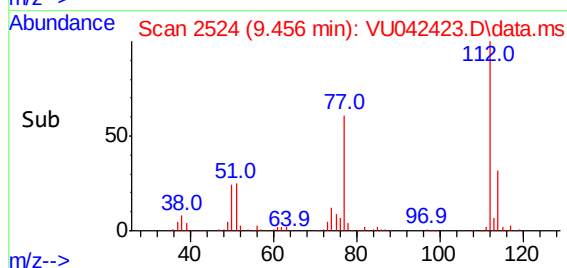
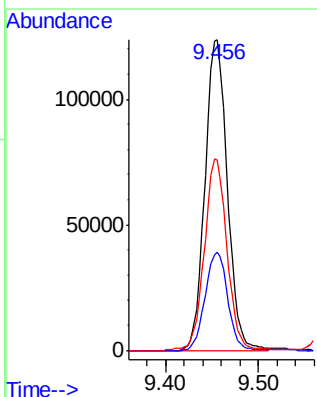
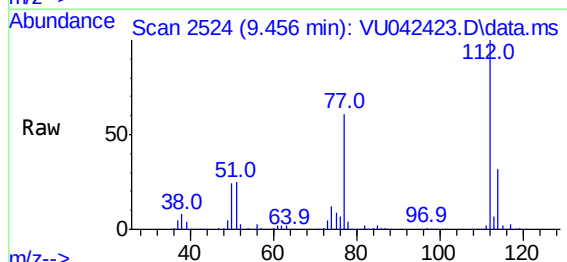
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

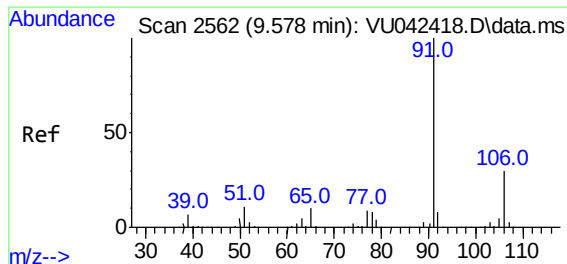
Tgt Ion:107 Resp: 87518
Ion Ratio Lower Upper
107 100
109 93.8 65.7 121.9
188 3.8 3.4 5.0



#51
Chlorobenzene
Concen: 50.61 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion:112 Resp: 206383
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.1
77 61.4 49.4 74.2

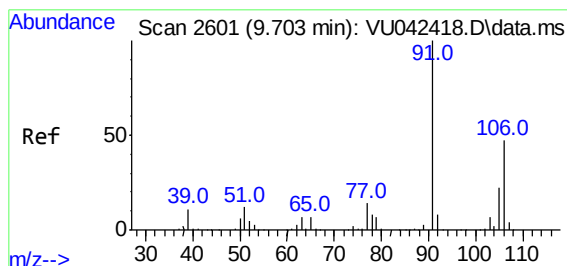
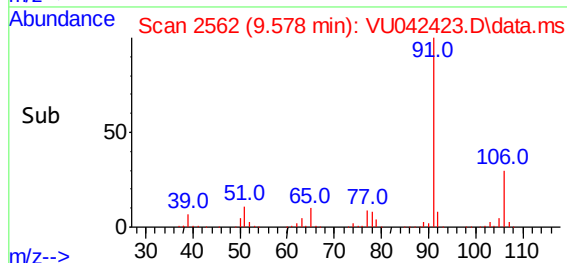
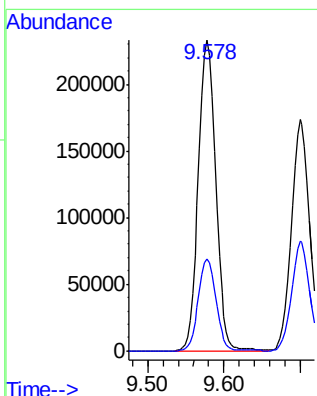
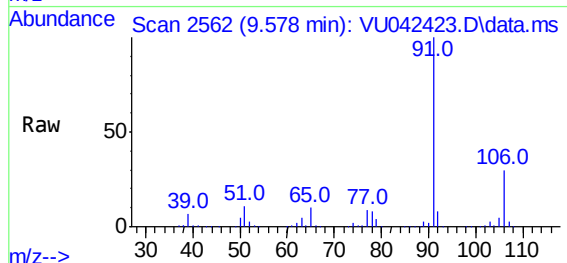




#52
Ethylbenzene
Concen: 51.71 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

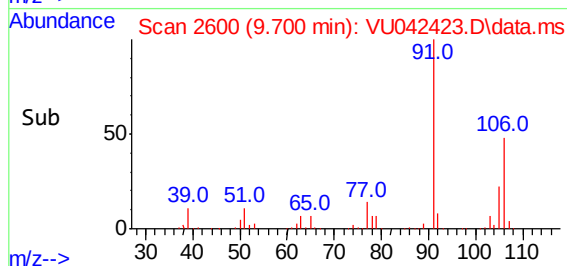
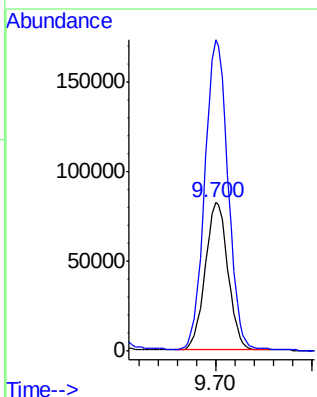
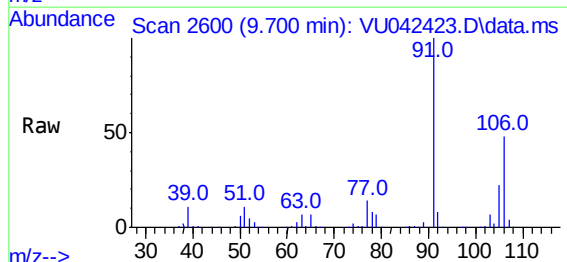
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

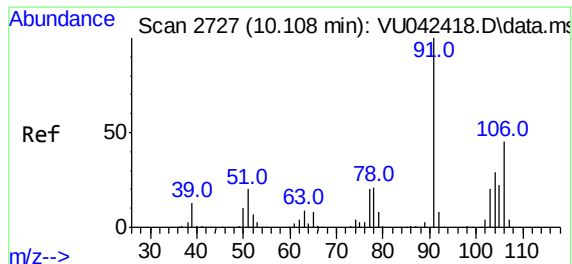
Tgt Ion: 91 Resp: 370064
Ion Ratio Lower Upper
91 100
106 29.6 20.8 38.6



#53
m,p-Xylene
Concen: 50.56 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 106 Resp: 134858
Ion Ratio Lower Upper
106 100
91 210.0 149.7 277.9

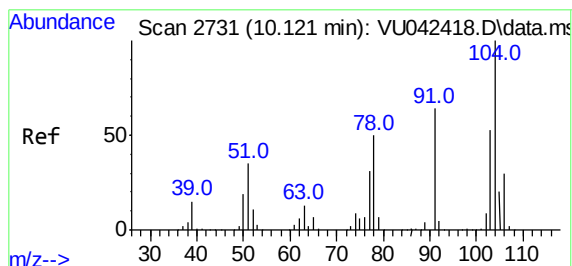
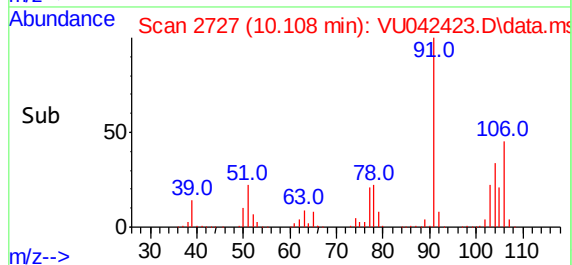
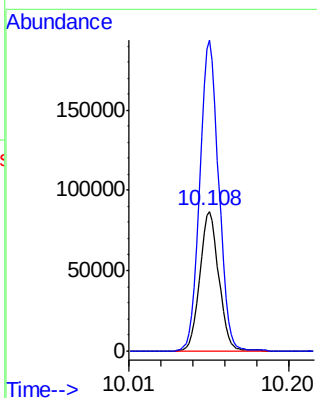
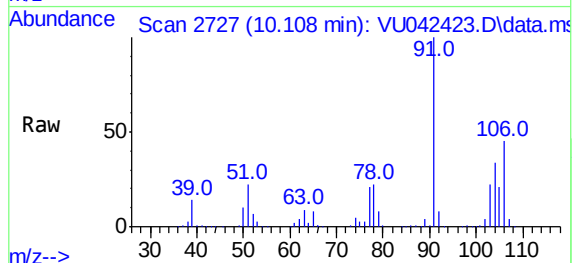




#54
o-xylene
Concen: 51.99 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

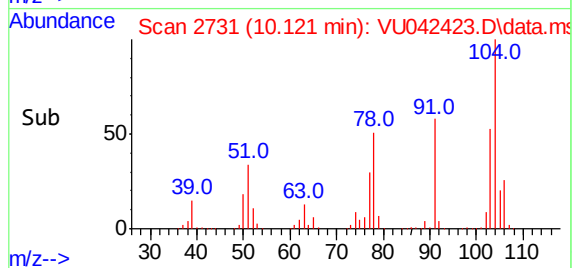
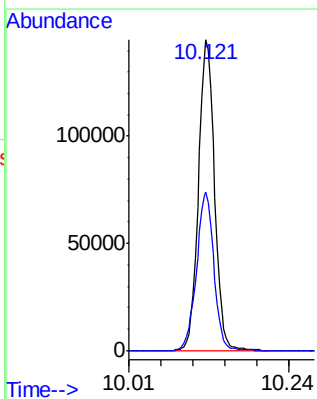
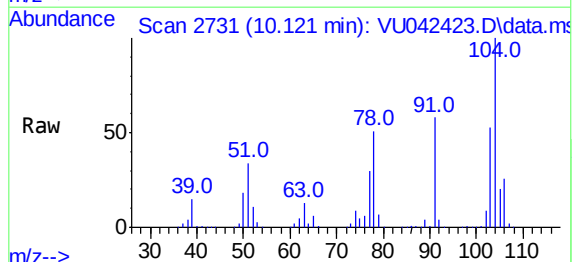
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

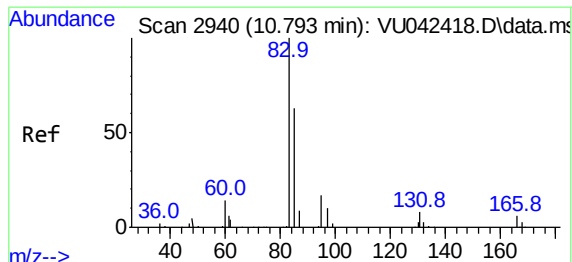
Tgt Ion:106 Resp: 137929
Ion Ratio Lower Upper
106 100
91 222.3 157.4 292.2



#55
Styrene
Concen: 51.71 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion:104 Resp: 234534
Ion Ratio Lower Upper
104 100
78 51.0 34.4 64.0

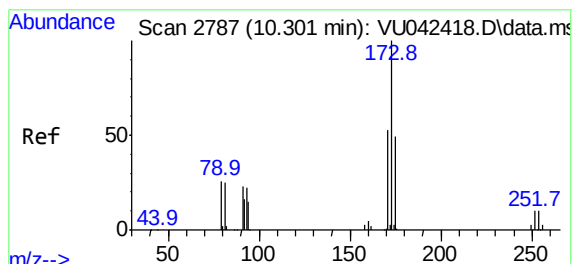
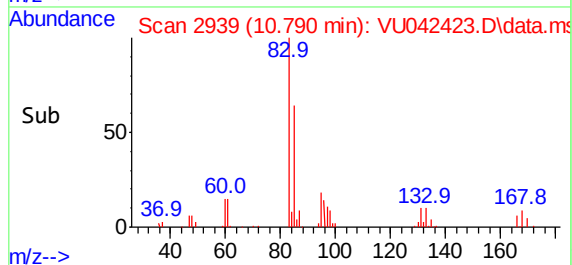
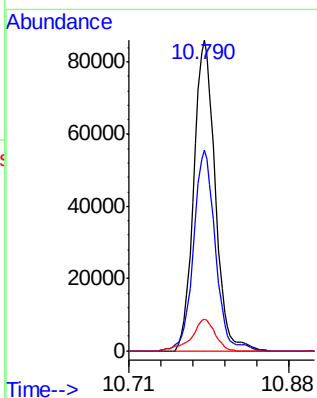
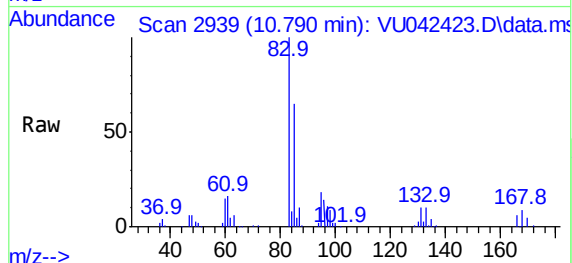




#57
1,1,2,2-Tetrachloroethane
Concen: 50.17 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

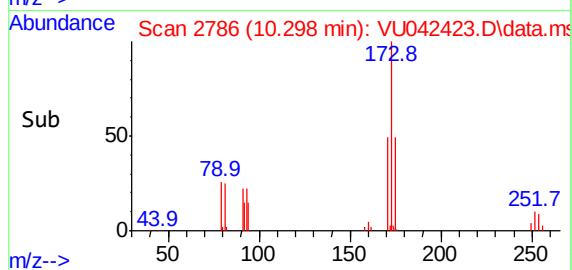
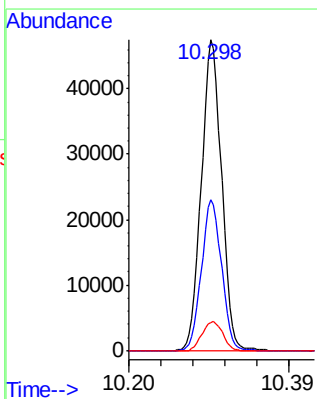
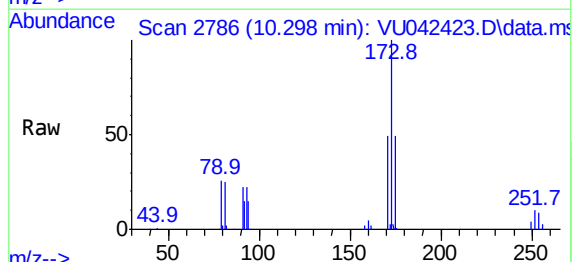
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

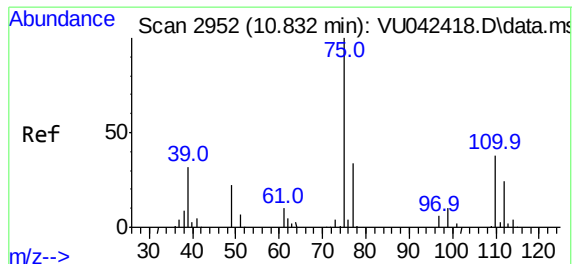
Tgt Ion: 83 Resp: 141090
Ion Ratio Lower Upper
83 100
85 64.6 45.4 84.2
131 10.2 8.1 12.1



#59
Bromoform
Concen: 51.71 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 173 Resp: 78242
Ion Ratio Lower Upper
173 100
175 47.9 39.0 58.4
254 9.4 7.4 11.0

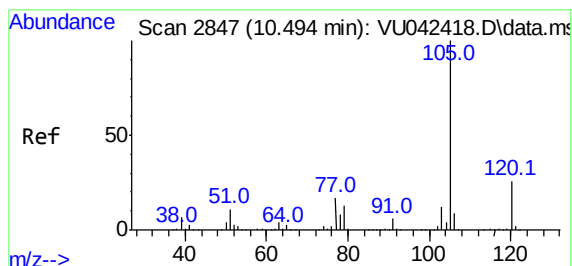
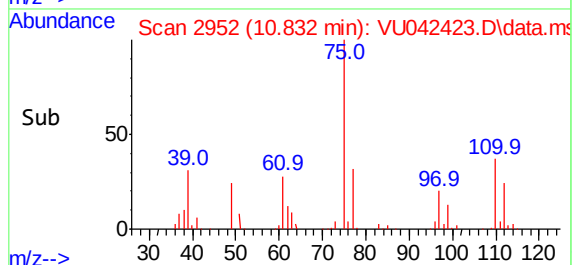
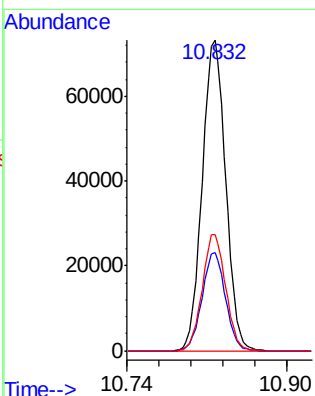
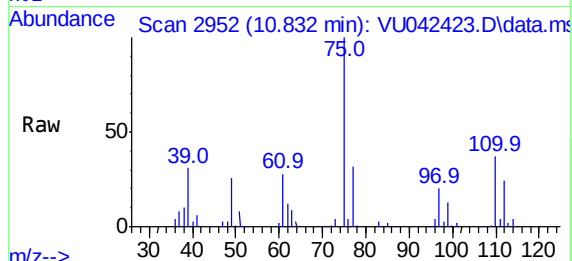




#60
1,2,3-Trichloropropane
Concen: 50.13 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

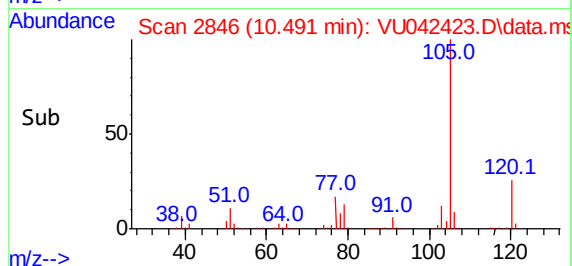
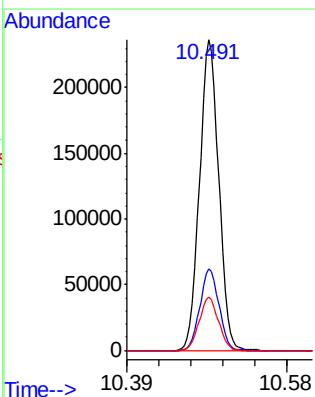
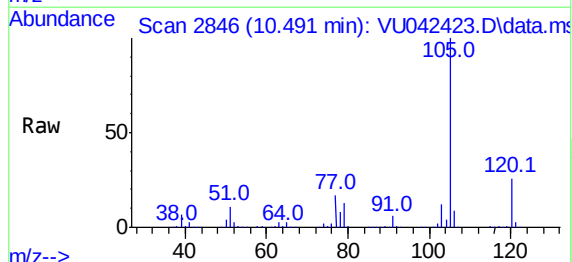
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

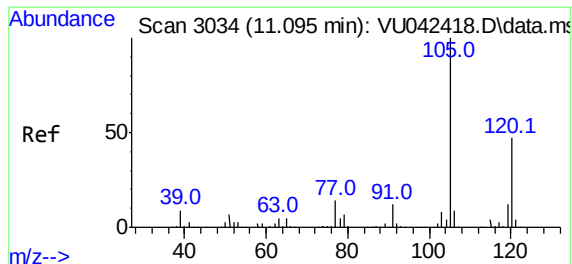
Tgt Ion: 75 Resp: 119203
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2
110 37.3 30.3 45.5



#61
Isopropylbenzene
Concen: 51.43 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion:105 Resp: 369346
Ion Ratio Lower Upper
105 100
120 26.1 20.5 30.7
77 17.2 13.6 20.4

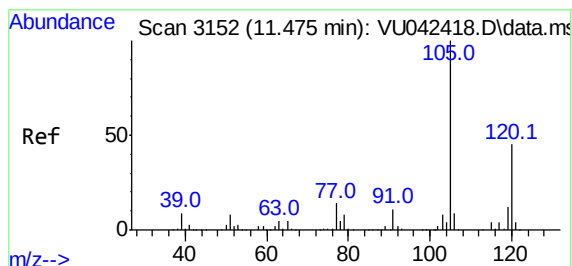
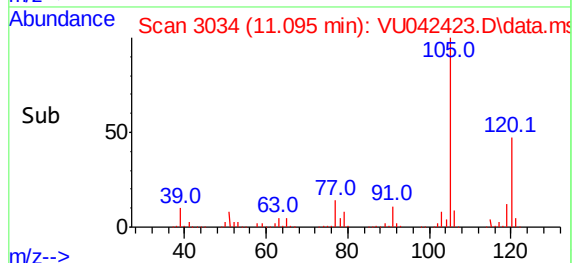
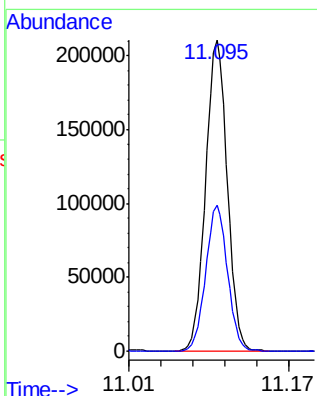
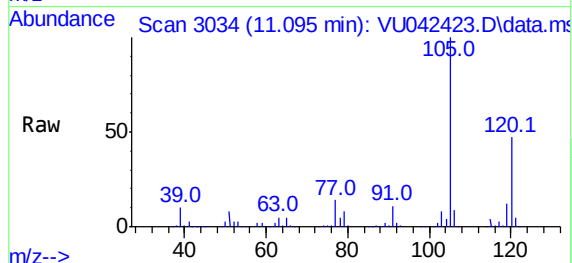




#62
1,3,5-Trimethylbenzene
Concen: 50.99 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

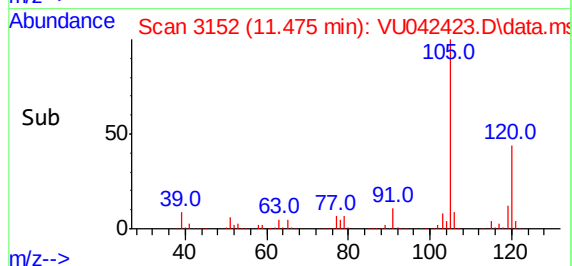
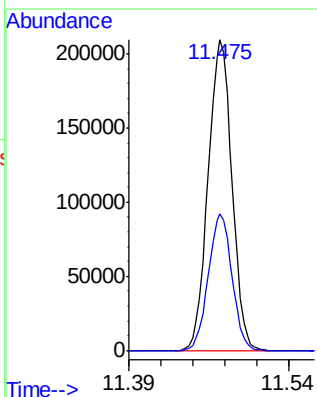
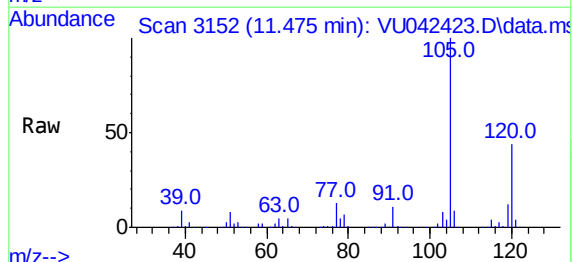
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

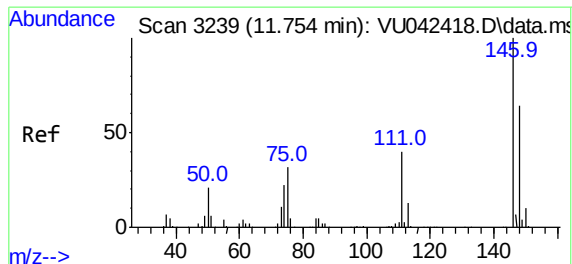
Tgt Ion:105 Resp: 316901
Ion Ratio Lower Upper
105 100
120 46.9 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 51.31 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion:105 Resp: 321255
Ion Ratio Lower Upper
105 100
120 43.6 35.2 52.8

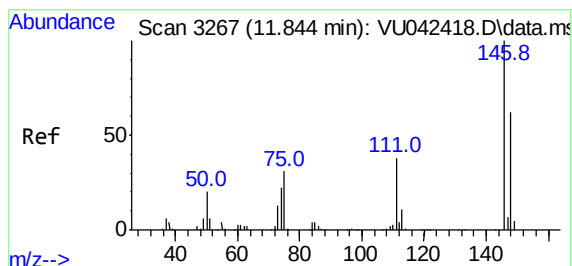
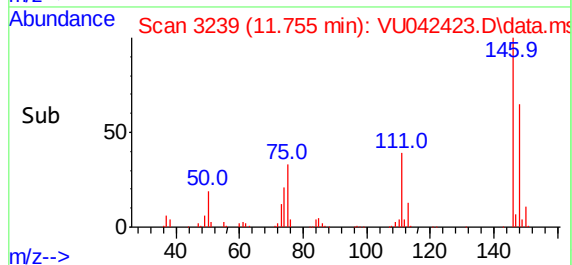
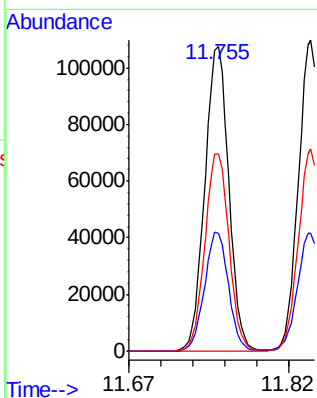
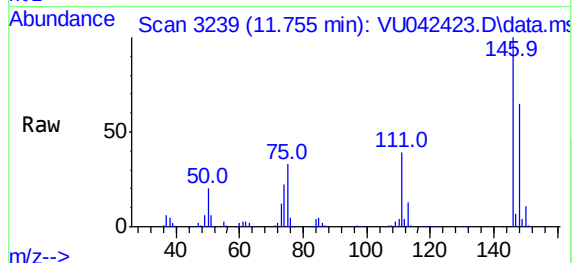




#64
1,3-Dichlorobenzene
Concen: 51.10 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

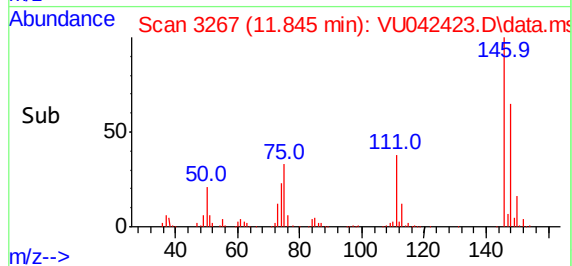
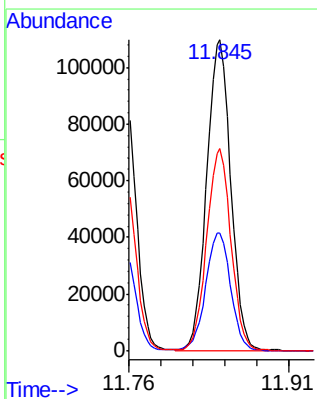
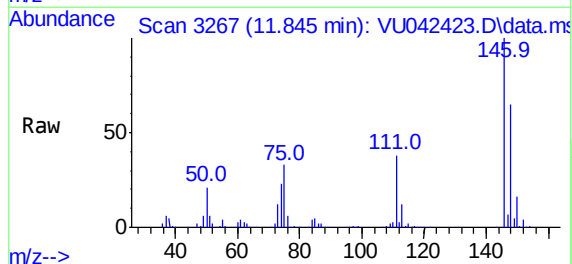
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

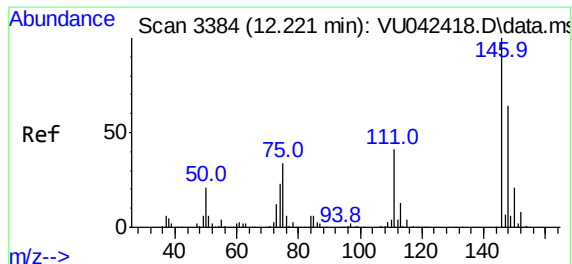
Tgt Ion:146 Resp: 173043
Ion Ratio Lower Upper
146 100
111 38.6 27.6 51.2
148 64.7 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 49.36 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion:146 Resp: 170238
Ion Ratio Lower Upper
146 100
111 37.7 26.6 49.4
148 65.0 44.6 82.8

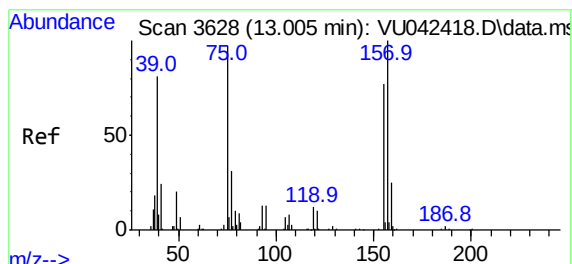
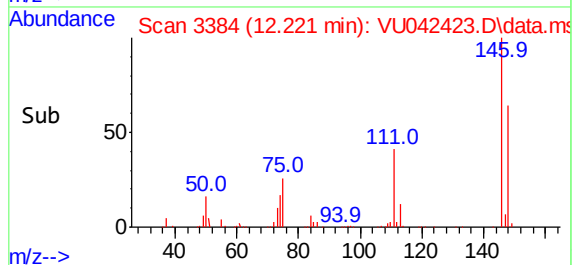
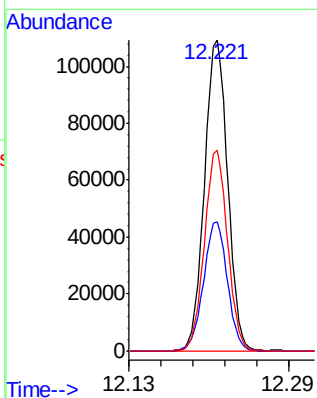
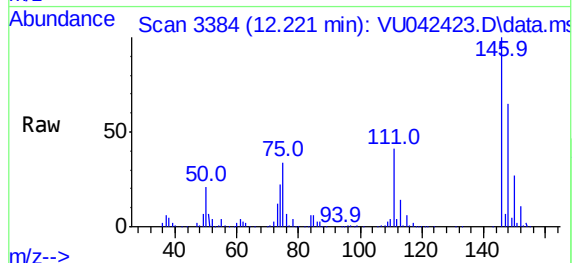




#67
1,2-Dichlorobenzene
Concen: 50.64 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

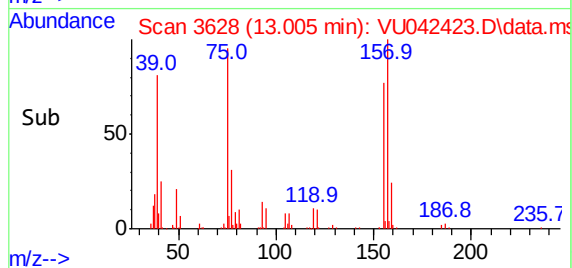
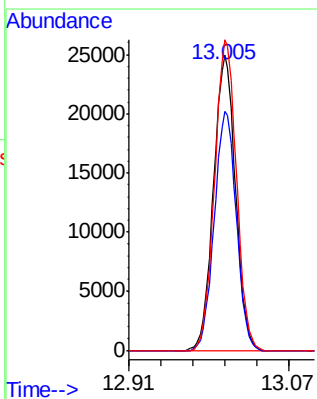
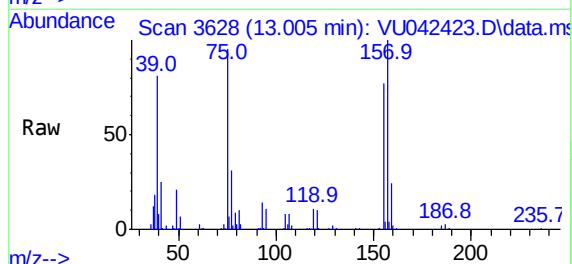
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

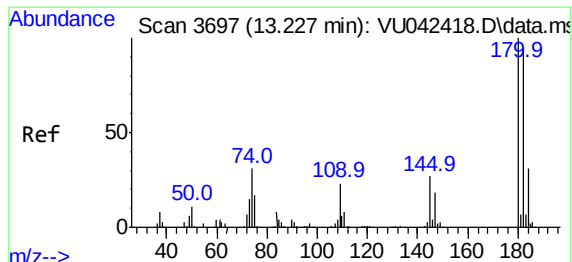
Tgt Ion:146 Resp: 176256
Ion Ratio Lower Upper
146 100
111 41.4 31.9 47.9
148 64.7 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 49.69 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion: 75 Resp: 39307
Ion Ratio Lower Upper
75 100
155 81.2 65.2 97.8
157 109.3 82.7 124.1

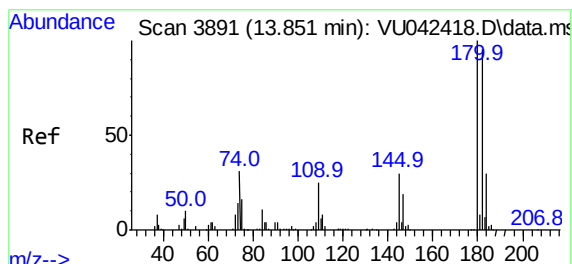
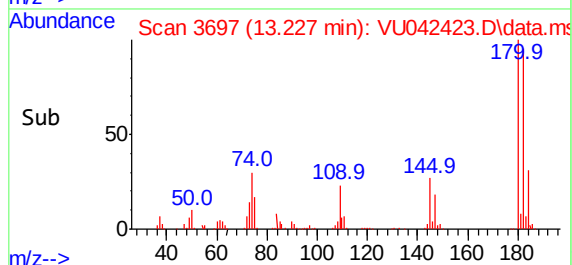
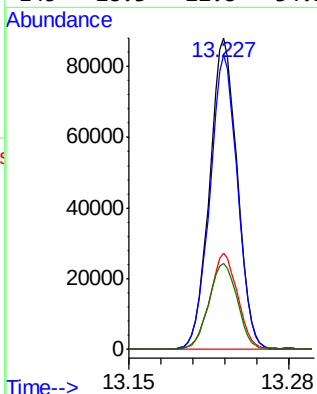
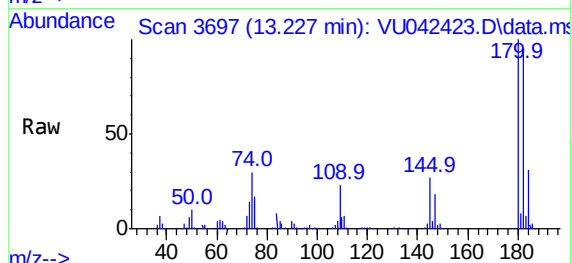




#69
1,3,5-Trichlorobenzene
Concen: 51.38 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

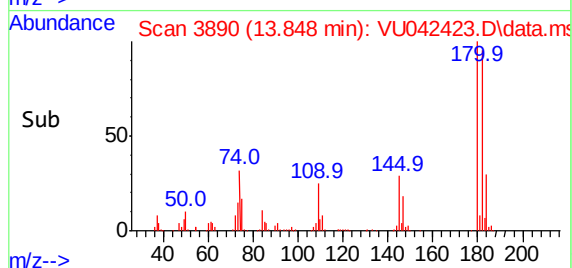
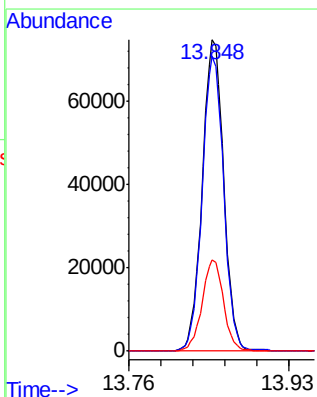
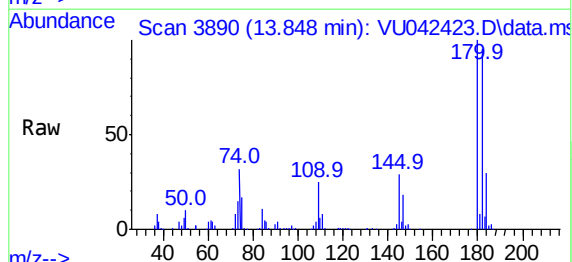
Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

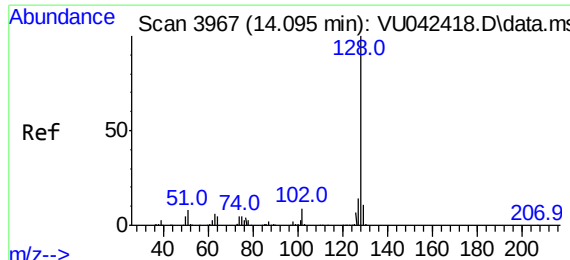
Tgt Ion:180 Resp: 134120
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
184 30.8 24.1 36.1
145 28.3 22.8 34.2



#70
1,2,4-trichlorobenzene
Concen: 52.14 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion:180 Resp: 114175
Ion Ratio Lower Upper
180 100
182 95.1 77.2 115.8
145 28.8 23.7 35.5

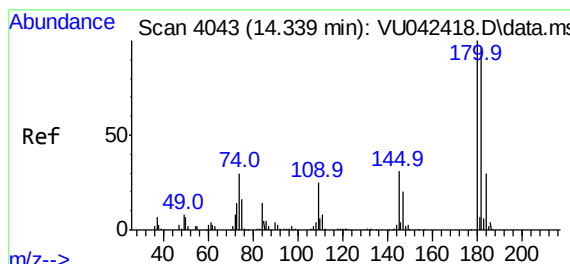
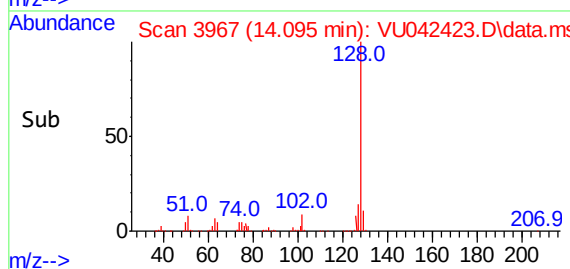
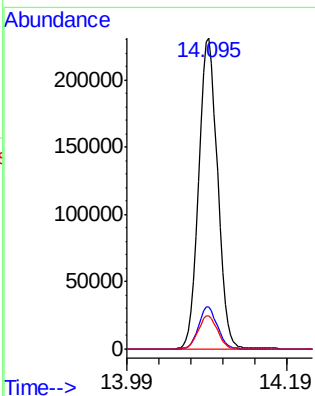
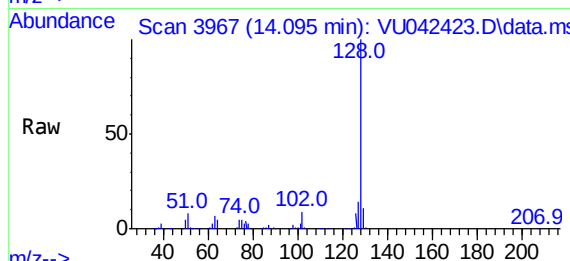




#71
Naphthalene
Concen: 52.80 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD050165

Tgt Ion:128 Resp: 365035
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.44 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU042423.D
Acq: 24 Feb 2021 12:04

Tgt Ion:180 Resp: 114507
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.2
145 30.7 24.6 37.0

