

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022721\
 Data File : VU042451.D
 Acq On : 26 Feb 2021 17:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005352

Quant Time: Feb 27 00:35:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022621WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 27 00:17:17 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	6.259	114	97598	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.423	117	95320	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53593	5.00 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.600	65	21719	4.68 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 93.60%
7) Chloroethane-d5	1.919	69	22215	4.76 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 95.20%
11) 1,1-Dichloroethene-d2	2.575	65	13562	4.61 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 92.20%
20) 2-Butanone-d5	4.645	46	116171	50.24 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 100.48%
24) Chloroform-d	5.076	84	66121	4.82 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 96.40%
26) 1,2-Dichloroethane-d4	5.713	65	41109	4.87 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 97.40%
32) Benzene-d6	5.735	84	114376	4.69 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 93.80%
36) 1,2-Dichloropropane-d6	6.700	67	38283	4.76 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 95.20%
41) Toluene-d8	7.906	98	109540	4.75 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 95.00%
43) trans-1,3-Dichloroprop...	8.188	79	15138	4.70 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 94.00%
46) 2-Hexanone-d5	8.645	63	85280	49.66 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 99.32%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34260	4.76 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 95.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	46948	4.92 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 98.40%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.388	85	50410	5.11 ug/L	99
3) Chloromethane	1.523	50	45963	5.15 ug/L	98
5) Vinyl chloride	1.607	62	45994	5.30 ug/L	98
6) Bromomethane	1.864	94	27001	5.13 ug/L	97
8) Chloroethane	1.941	64	27512	5.18 ug/L	97
9) Trichlorofluoromethane	2.144	101	74779	5.16 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	38804	5.19 ug/L	99
12) 1,1-Dichloroethene	2.587	96	36143	5.24 ug/L	92
13) Acetone	2.658	43	61835	42.83 ug/L	92
14) Carbon disulfide	2.800	76	117182	5.18 ug/L	99
15) Methyl Acetate	2.964	43	18199	5.35 ug/L	96
16) Methylene chloride	3.054	84	40093	4.88 ug/L	97
17) Methyl tert-butyl Ether	3.372	73	99670	5.22 ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	37155	5.13 ug/L	94
19) 1,1-Dichloroethane	3.880	63	74507	5.31 ug/L	97
21) 2-Butanone	4.726	43	146251	56.41 ug/L	95
22) cis-1,2-Dichloroethene	4.677	96	41647	5.36 ug/L	96
23) Bromochloromethane	4.986	128	19719	5.25 ug/L	98
25) Chloroform	5.099	83	76026	5.15 ug/L	98
27) 1,2-Dichloroethane	5.806	62	58660	5.35 ug/L	97

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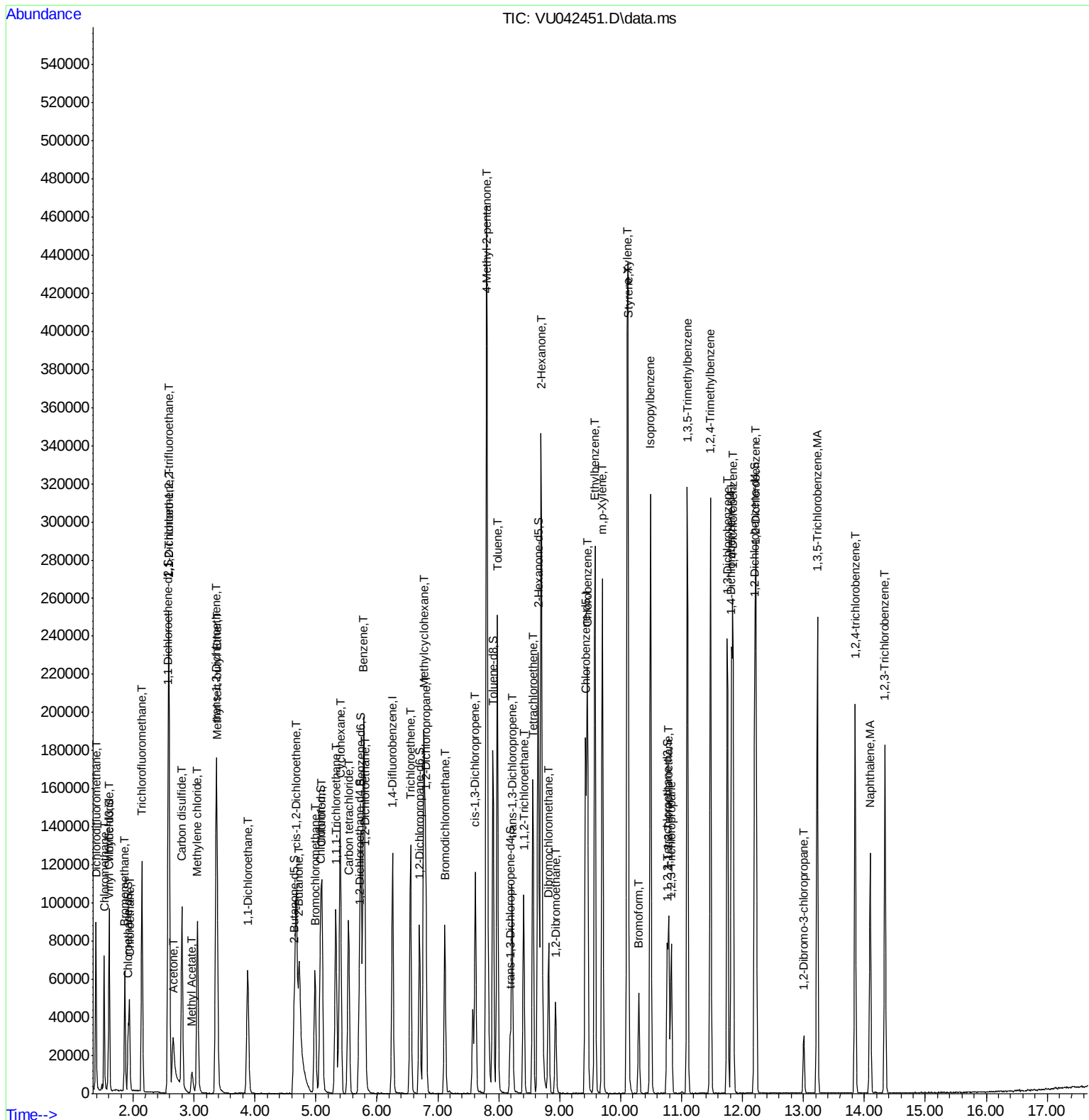
Quant Time: Feb 27 00:35:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022621WMA.M
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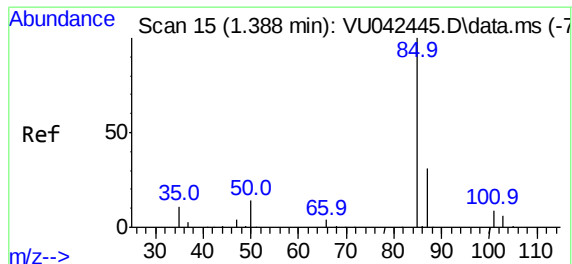
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	69915	5.20	ug/L	98
30) Cyclohexane	5.398	56	69505	5.15	ug/L	98
31) Carbon tetrachloride	5.533	117	60228	5.16	ug/L	97
33) Benzene	5.783	78	156886	5.11	ug/L	100
34) Trichloroethene	6.552	95	41993	4.98	ug/L	97
35) Methylcyclohexane	6.771	83	66186	5.15	ug/L	100
37) 1,2-Dichloropropane	6.800	63	42118	5.07	ug/L	99
38) Bromodichloromethane	7.115	83	54211	5.05	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	61437	5.18	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	360353	52.38	ug/L	99
42) Toluene	7.976	91	172416	5.18	ug/L	97
44) trans-1,3-Dichloropropene	8.217	75	56533	5.31	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	30587	5.17	ug/L	96
47) Tetrachloroethene	8.561	164	35527	5.20	ug/L	97
48) 2-Hexanone	8.697	43	267149	53.54	ug/L	97
49) Dibromochloromethane	8.819	129	38598	5.17	ug/L	100
50) 1,2-Dibromoethane	8.931	107	31088	5.12	ug/L	100
51) Chlorobenzene	9.455	112	107344	5.08	ug/L	99
52) Ethylbenzene	9.578	91	192277	5.14	ug/L	100
53) m,p-Xylene	9.700	106	70887	5.15	ug/L	98
54) o-Xylene	10.108	106	69716	5.16	ug/L	93
55) Styrene	10.121	104	121349	5.34	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	40294	5.34	ug/L	97
59) Bromoform	10.298	173	23518	5.15	ug/L	98
60) Isopropylbenzene	10.491	105	194158	5.30	ug/L	99
61) 1,2,3-Trichloropropane	10.831	75	30537	5.17	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	162729	5.20	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	163930	5.30	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	92645	5.24	ug/L	97
65) 1,4-Dichlorobenzene	11.844	146	92179	5.23	ug/L	99
67) 1,2-Dichlorobenzene	12.220	146	87367	5.10	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.005	75	7665	5.72	ug/L	90
69) 1,3,5-Trichlorobenzene	13.227	180	74170	5.14	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	63451	5.60	ug/L	96
71) Naphthalene	14.095	128	95670	5.48	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	55460	5.43	ug/L	100

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

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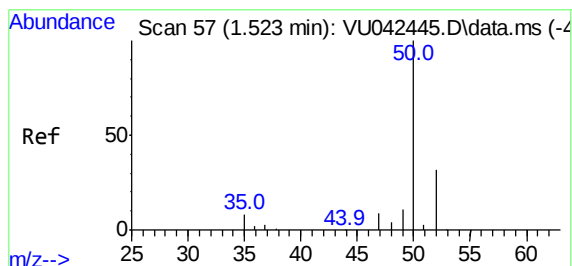
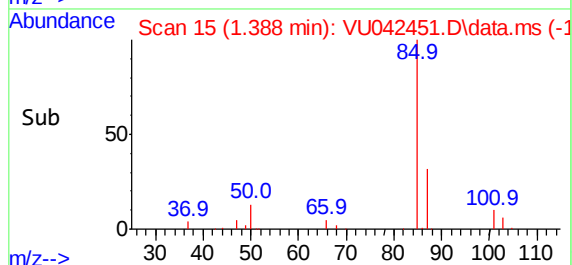
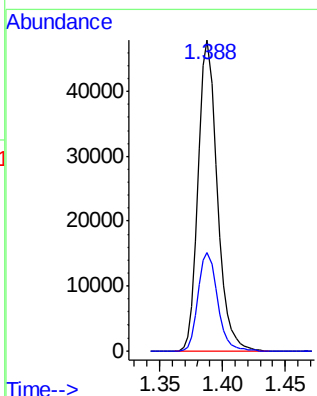
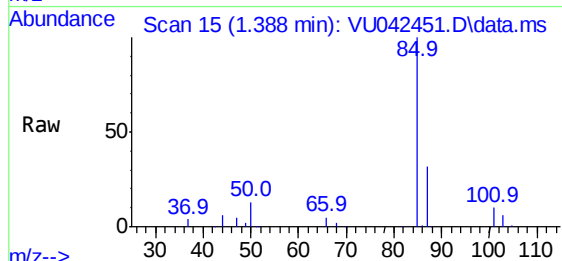




#2
Dichlorodifluoromethane
Concen: 5.11 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

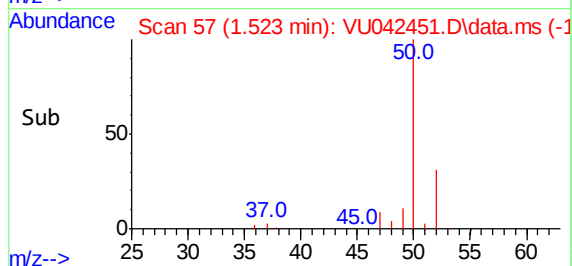
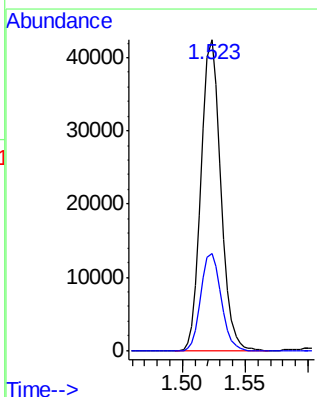
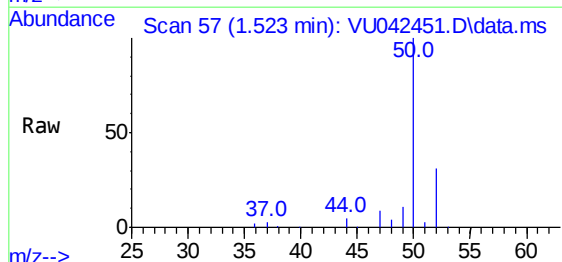
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

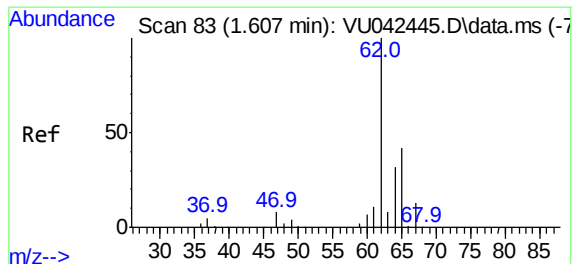
Tgt Ion: 85 Resp: 50410
Ion Ratio Lower Upper
85 100
87 32.3 25.5 38.3



#3
Chloromethane
Concen: 5.15 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 50 Resp: 45963
Ion Ratio Lower Upper
50 100
52 31.2 22.5 41.9

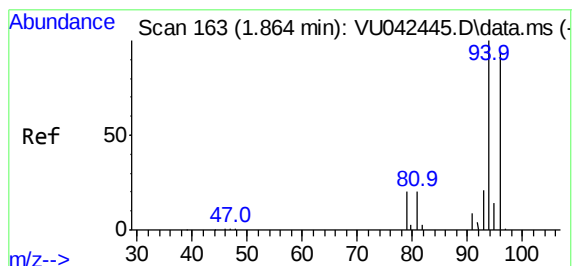
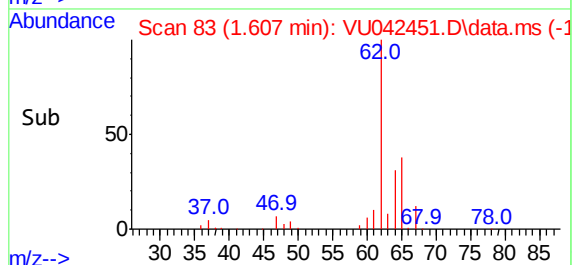
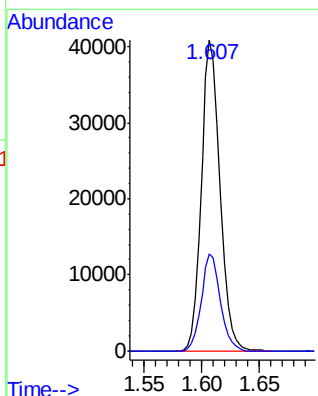
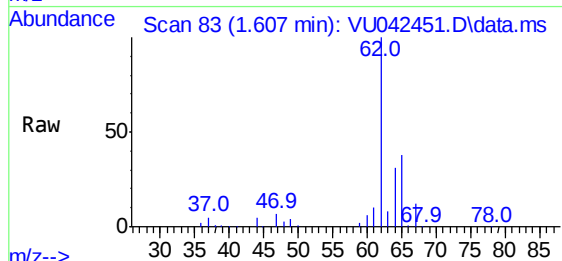




#5
Vinyl chloride
Concen: 5.30 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

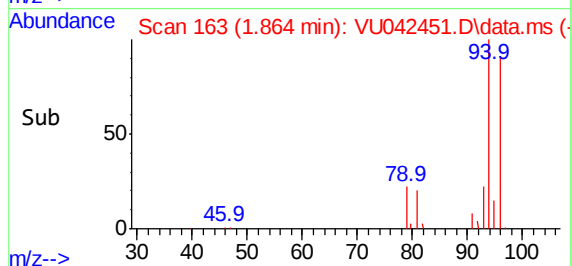
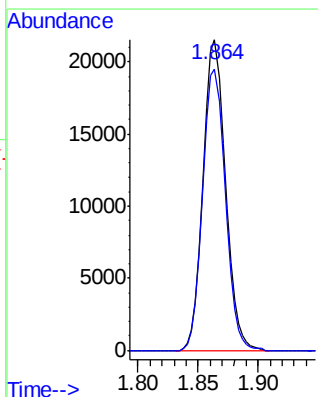
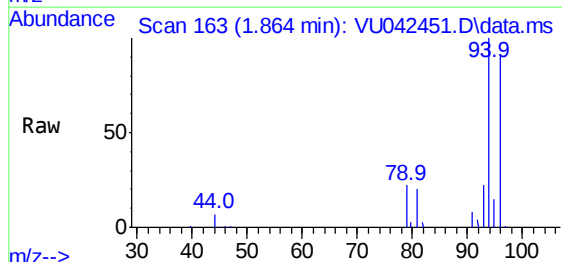
Instrument :
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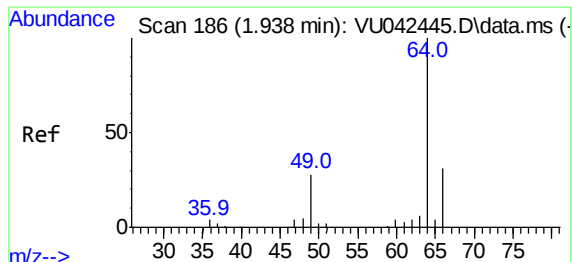
Tgt Ion: 62 Resp: 45994
Ion Ratio Lower Upper
62 100
64 31.0 22.5 41.9



#6
Bromomethane
Concen: 5.13 ug/L
RT: 1.864 min Scan# 163
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 94 Resp: 27001
Ion Ratio Lower Upper
94 100
96 90.7 65.7 122.1

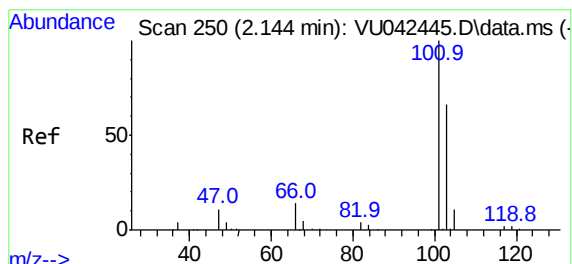
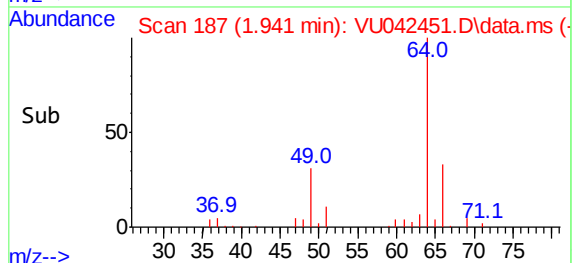
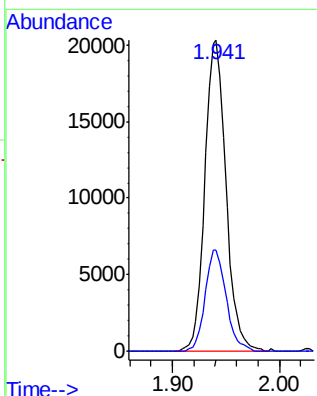
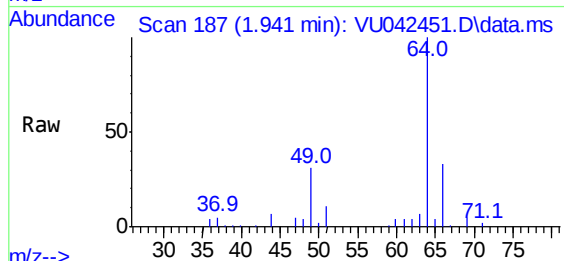




#8
Chloroethane
Concen: 5.18 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

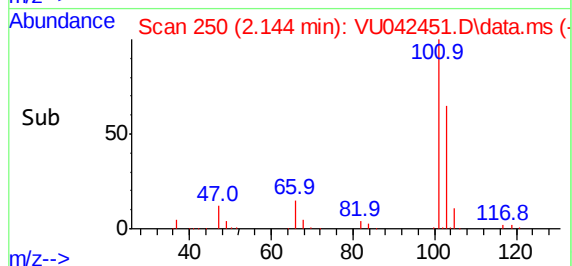
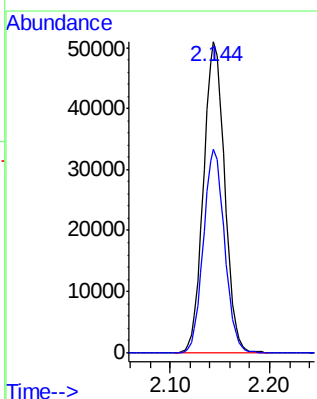
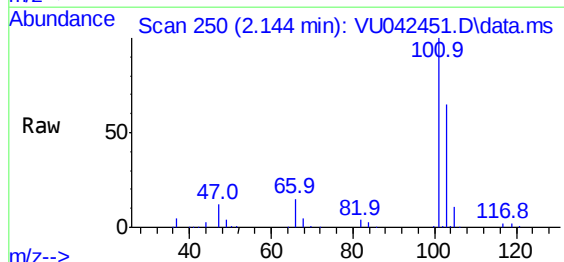
Instrument :
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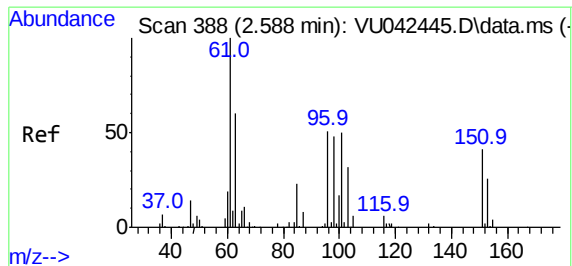
Tgt Ion: 64 Resp: 27512
Ion Ratio Lower Upper
64 100
66 32.6 21.8 40.6



#9
Trichlorofluoromethane
Concen: 5.16 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 101 Resp: 74779
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0



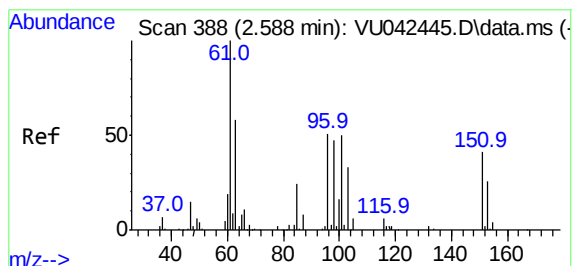
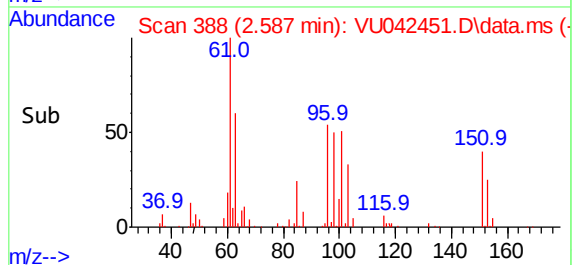
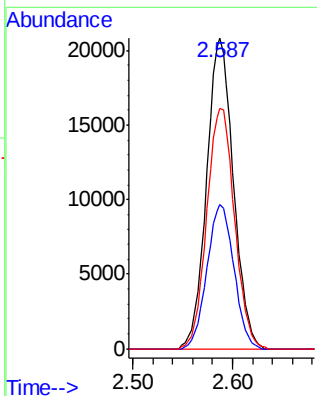
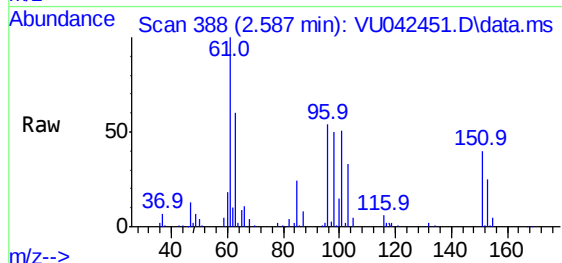


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.19 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042451.D
 Acq: 26 Feb 2021 17:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005352

Tgt Ion:101 Resp: 38804

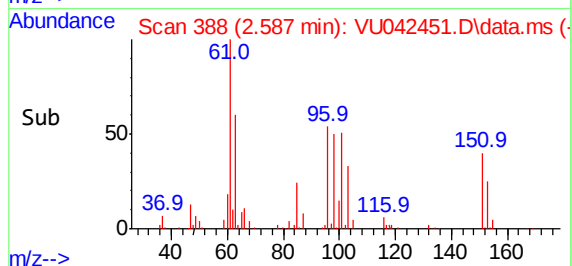
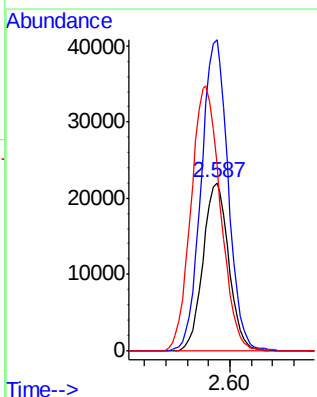
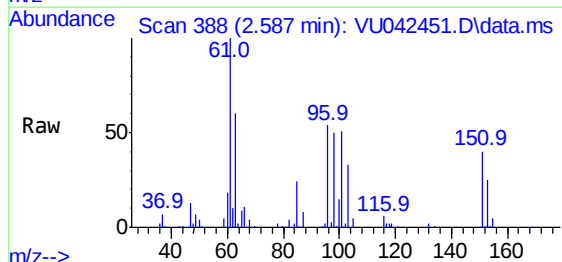
Ion	Ratio	Lower	Upper
101	100		
85	46.8	36.6	55.0
151	80.1	64.2	96.2

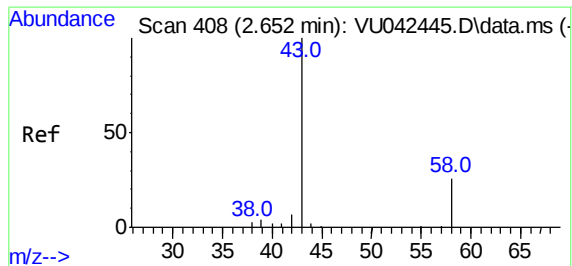


#12
 1,1-Dichloroethene
 Concen: 5.24 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042451.D
 Acq: 26 Feb 2021 17:48

Tgt Ion: 96 Resp: 36143

Ion	Ratio	Lower	Upper
96	100		
61	185.2	138.6	257.4
63	110.4	82.8	153.8

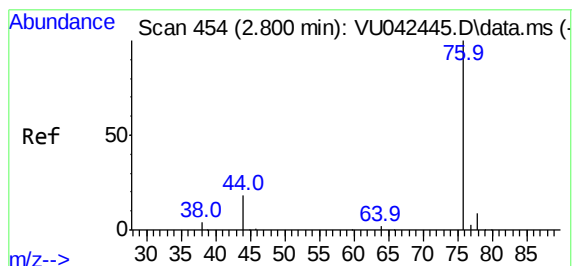
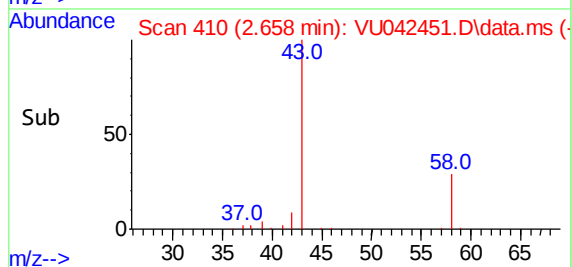
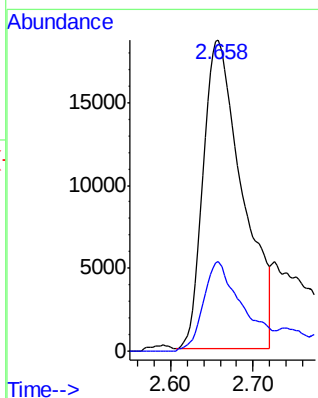
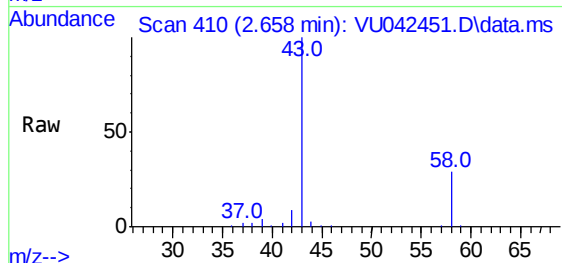




#13
Acetone
Concen: 42.83 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

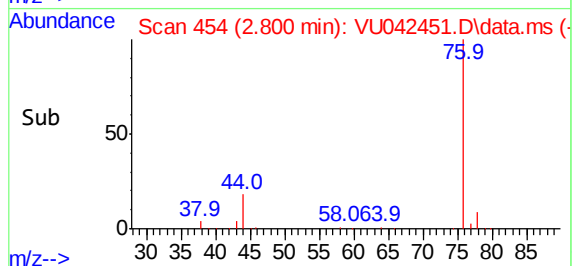
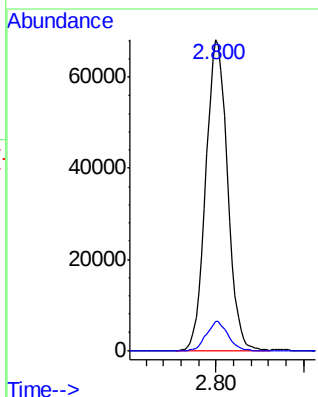
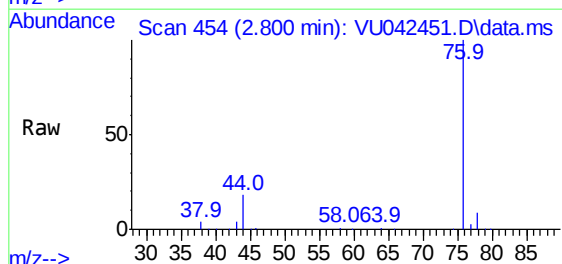
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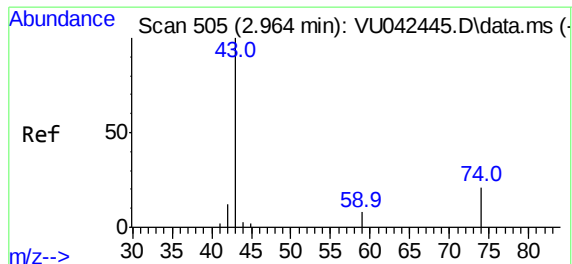
Tgt Ion: 43 Resp: 61835
Ion Ratio Lower Upper
43 100
58 28.7 0.0 49.2



#14
Carbon disulfide
Concen: 5.18 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 76 Resp: 117182
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

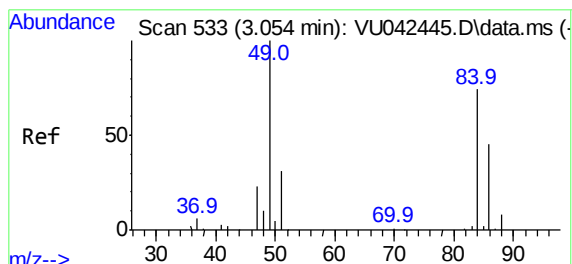
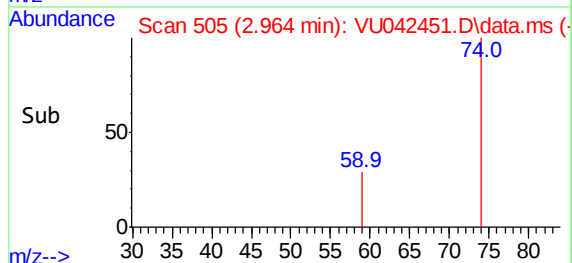
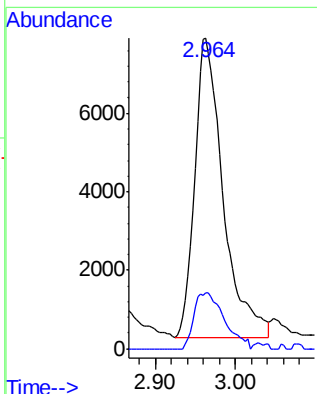
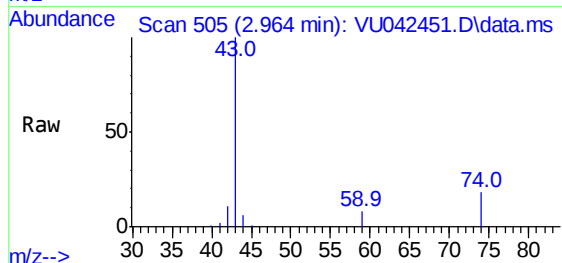




#15
Methyl Acetate
Concen: 5.35 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

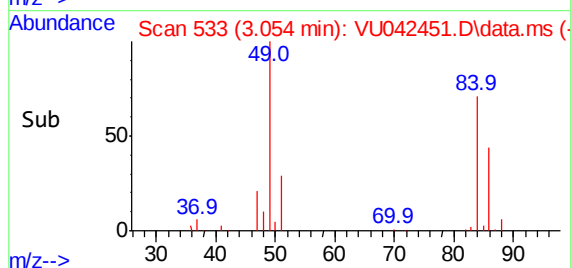
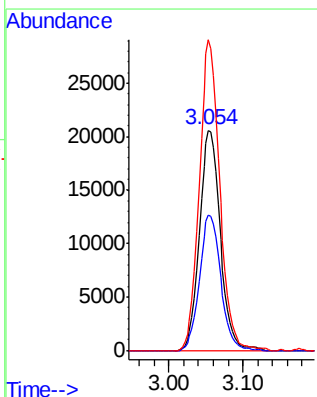
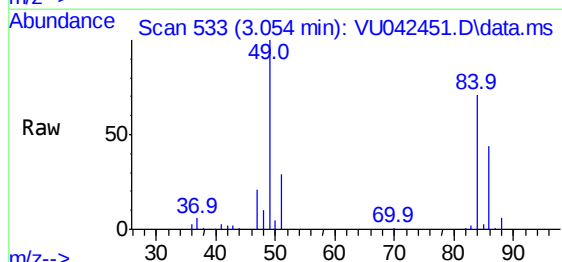
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

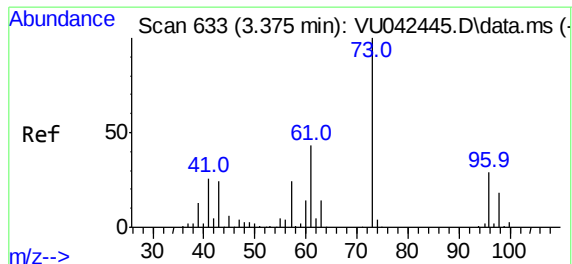
Tgt Ion: 43 Resp: 18199
Ion Ratio Lower Upper
43 100
74 20.1 17.5 26.3



#16
Methylene chloride
Concen: 4.88 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 84 Resp: 40093
Ion Ratio Lower Upper
84 100
86 61.4 42.8 79.4
49 141.1 95.1 176.7

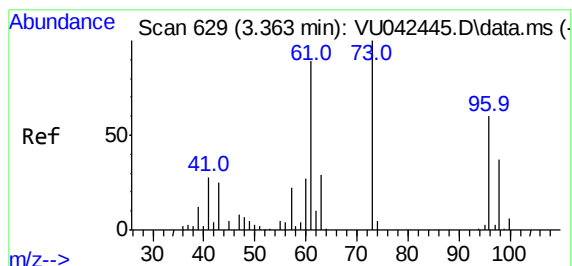
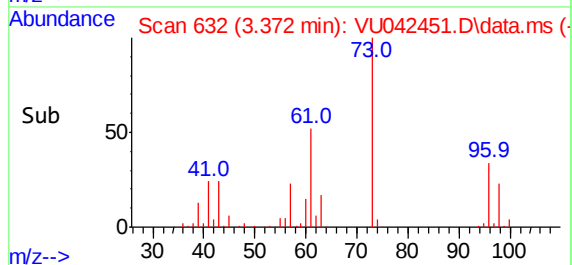
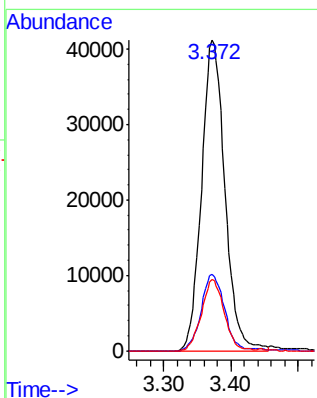
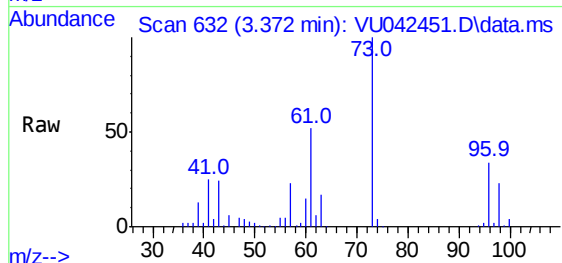




#17
Methyl tert-butyl Ether
Concen: 5.22 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

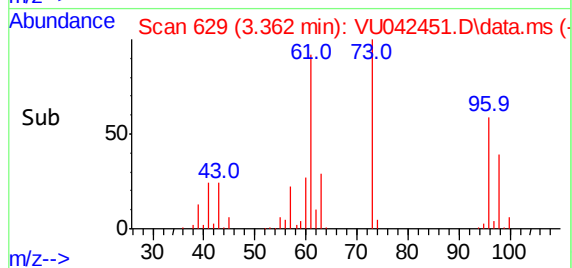
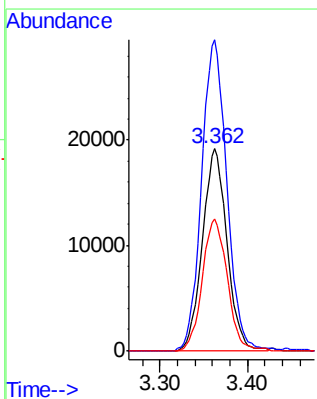
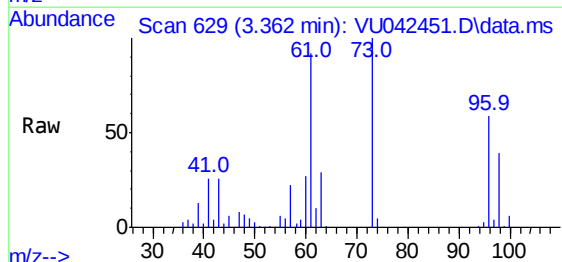
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

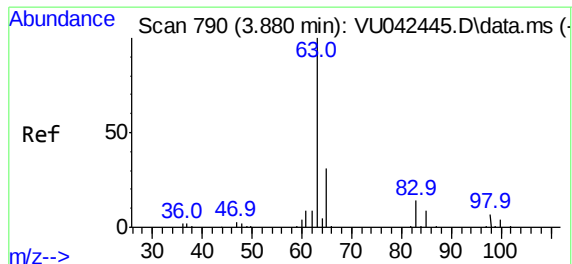
Tgt Ion: 73 Resp: 99670
Ion Ratio Lower Upper
73 100
43 24.4 19.6 29.4
57 22.4 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 5.13 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 96 Resp: 37155
Ion Ratio Lower Upper
96 100
61 154.0 102.7 190.7
98 65.0 42.8 79.6

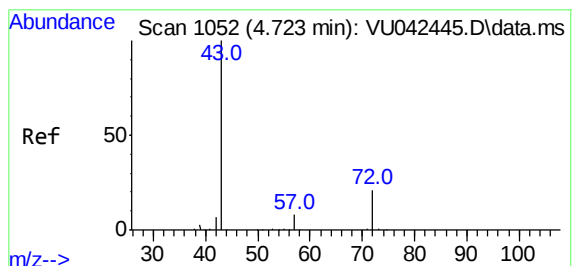
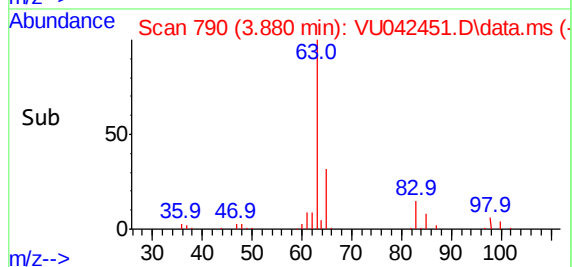
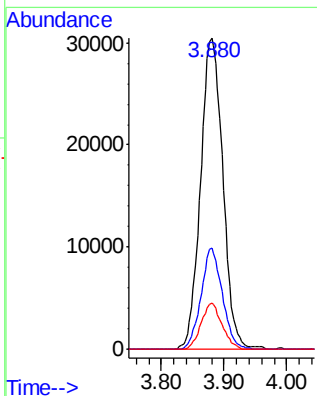
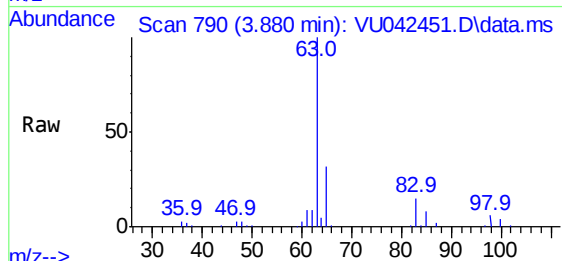




#19
1,1-Dichloroethane
Concen: 5.31 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

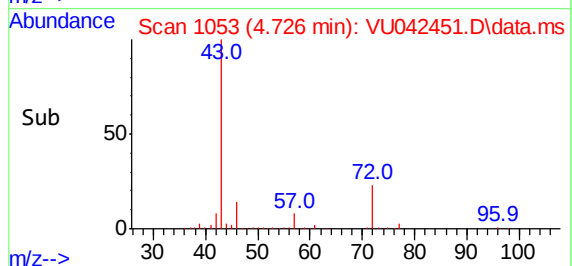
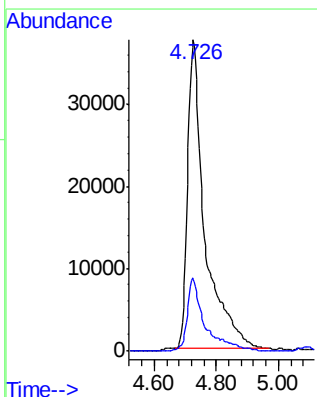
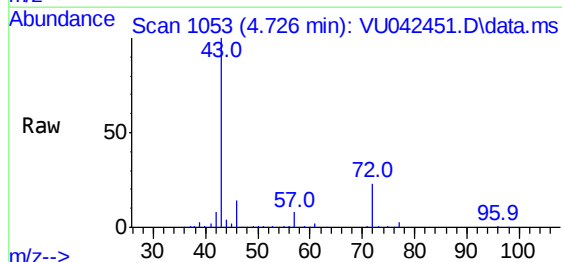
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

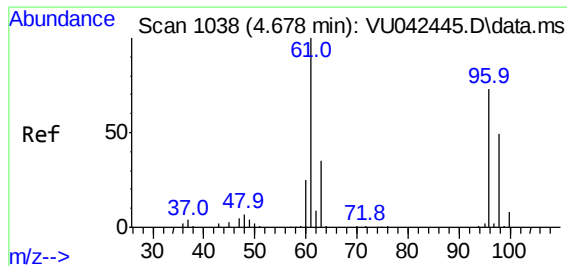
Tgt Ion: 63 Resp: 74507
Ion Ratio Lower Upper
63 100
65 32.4 21.6 40.2
83 14.8 9.7 17.9



#21
2-Butanone
Concen: 56.41 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.003 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 43 Resp: 146251
Ion Ratio Lower Upper
43 100
72 20.3 11.3 33.8



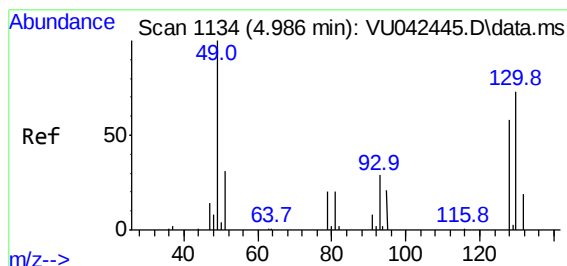
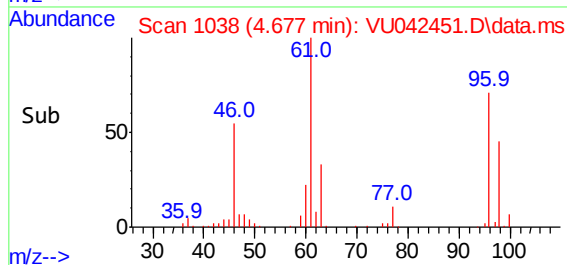
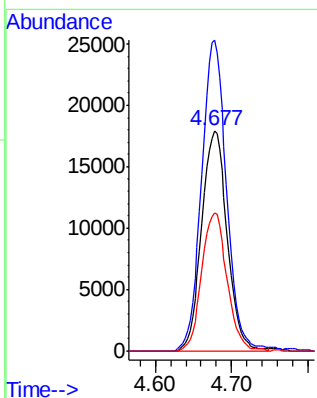
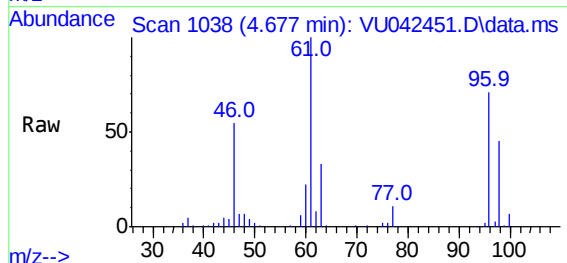


#22
cis-1,2-Dichloroethene
Concen: 5.36 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

Tgt Ion: 96 Resp: 41647

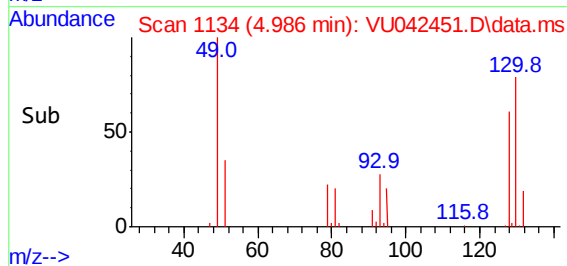
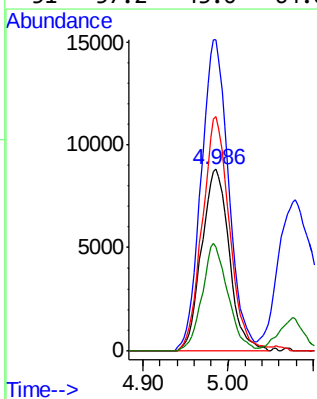
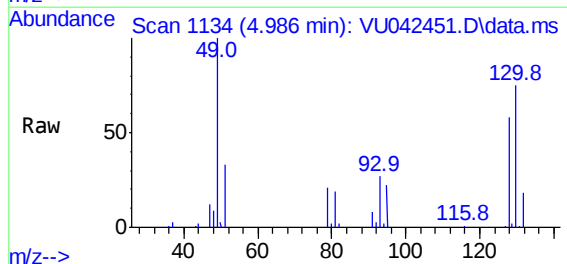
Ion	Ratio	Lower	Upper
96	100		
61	141.3	95.3	177.1
98	63.0	46.3	85.9

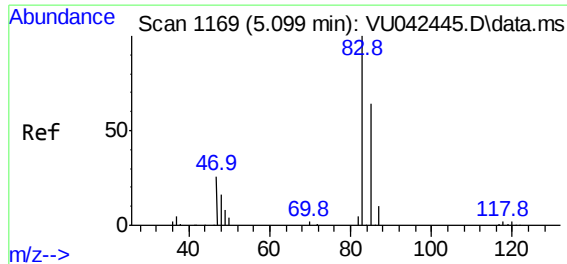


#23
Bromochloromethane
Concen: 5.25 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 128 Resp: 19719

Ion	Ratio	Lower	Upper
128	100		
49	171.2	120.0	222.8
130	129.1	87.4	162.4
51	57.2	43.0	64.6

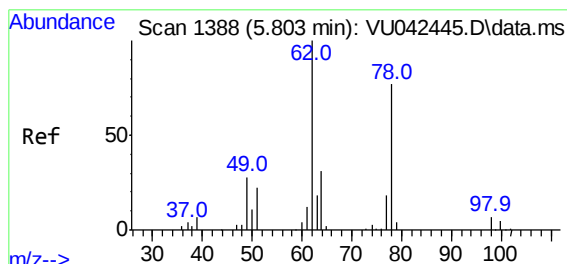
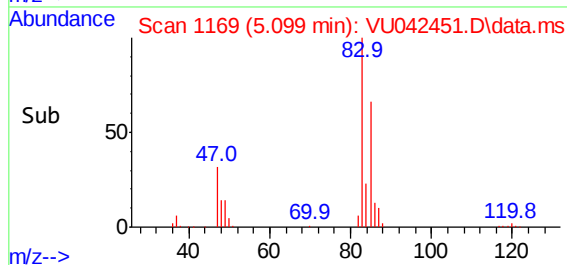
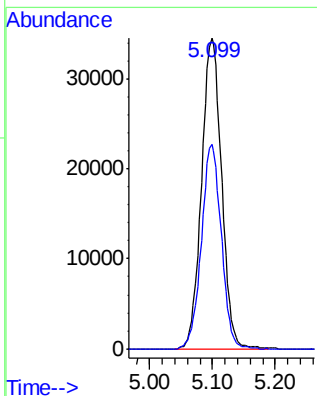
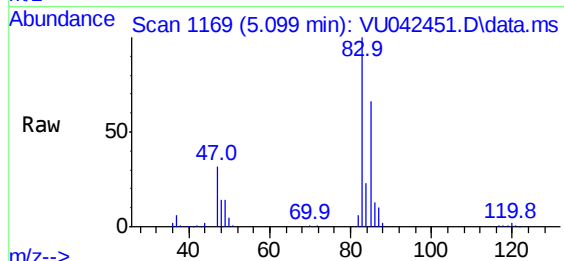




#25
Chloroform
Concen: 5.15 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

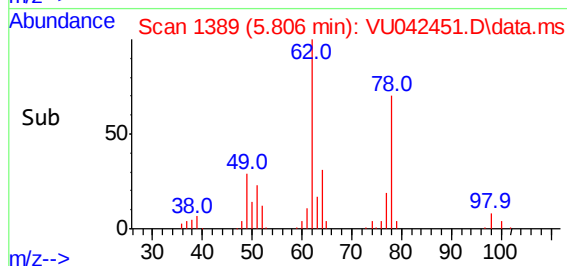
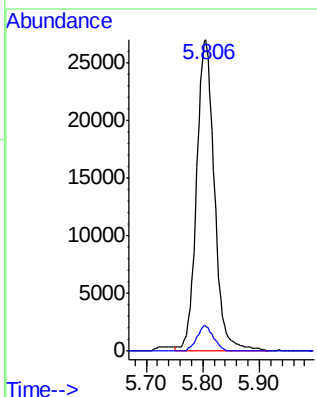
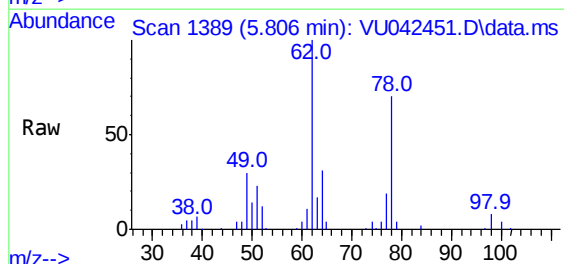
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

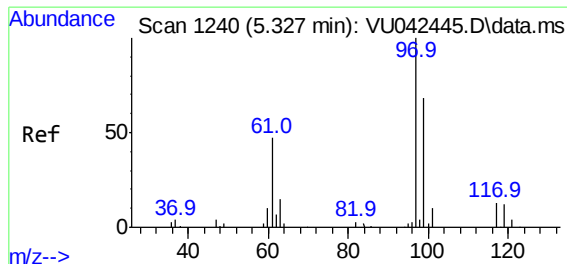
Tgt Ion: 83 Resp: 76026
Ion Ratio Lower Upper
83 100
85 65.9 45.3 84.1



#27
1,2-Dichloroethane
Concen: 5.35 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 62 Resp: 58660
Ion Ratio Lower Upper
62 100
98 7.7 5.4 8.2

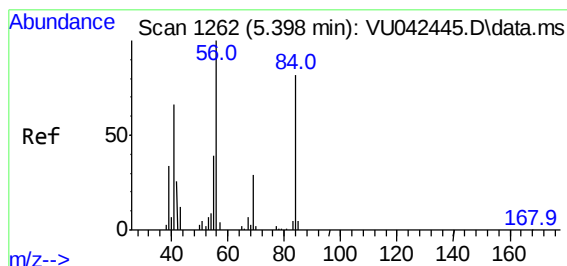
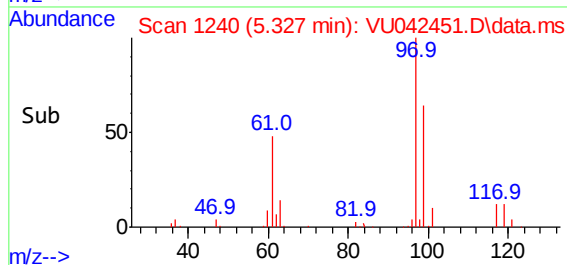
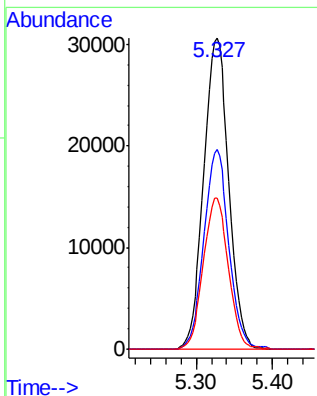
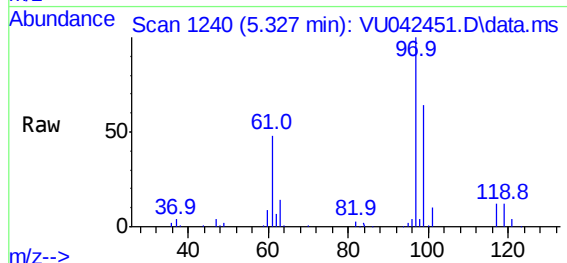




#29
1,1,1-Trichloroethane
Concen: 5.20 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

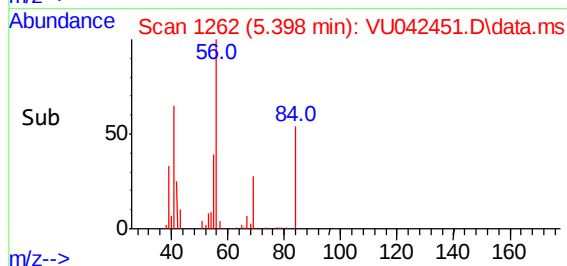
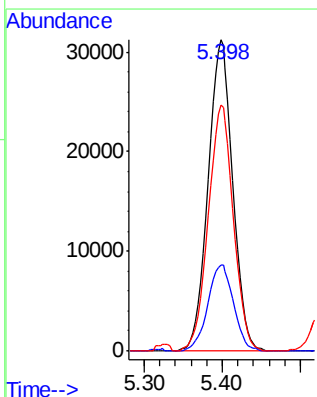
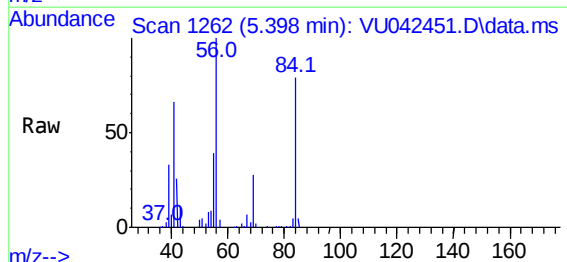
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

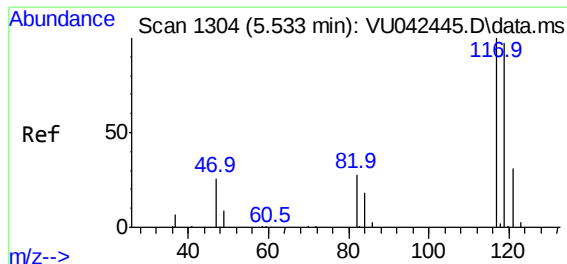
Tgt Ion: 97 Resp: 69915
Ion Ratio Lower Upper
97 100
99 63.7 52.7 79.1
61 48.5 38.2 57.2



#30
Cyclohexane
Concen: 5.15 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 56 Resp: 69505
Ion Ratio Lower Upper
56 100
69 28.6 24.0 36.0
84 80.5 65.4 98.2

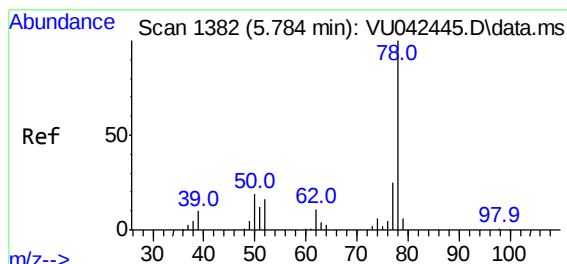
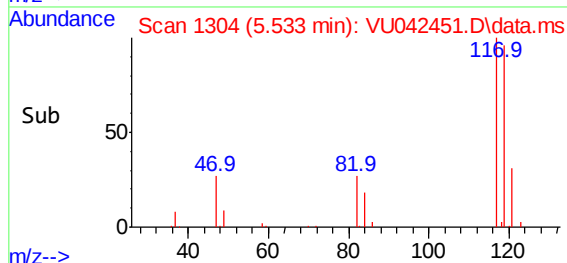
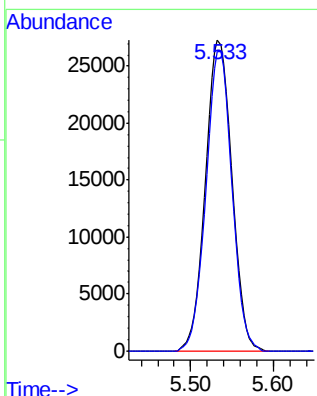
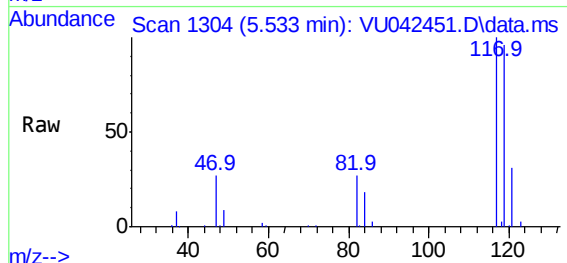




#31
Carbon tetrachloride
Concen: 5.16 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

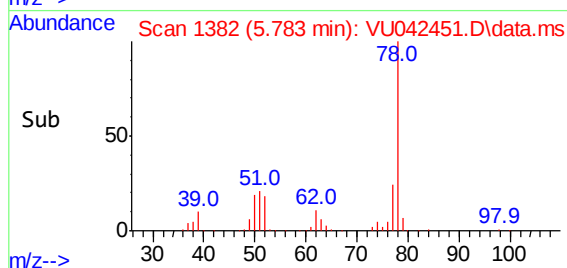
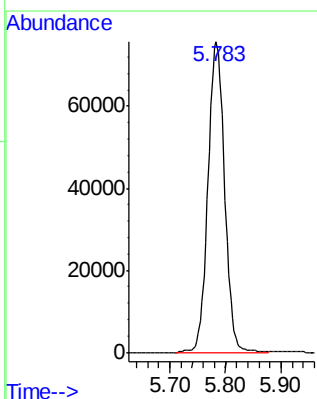
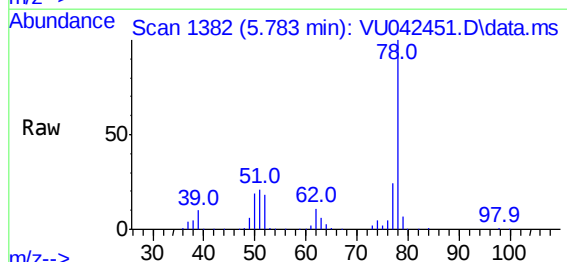
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

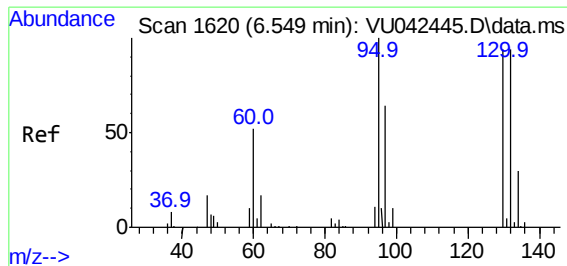
Tgt Ion:117 Resp: 60228
Ion Ratio Lower Upper
117 100
119 94.6 78.1 117.1



#33
Benzene
Concen: 5.11 ug/L
RT: 5.783 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 78 Resp: 156886

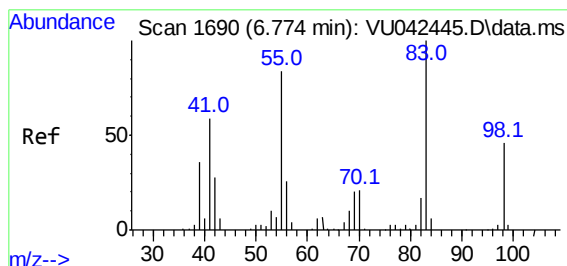
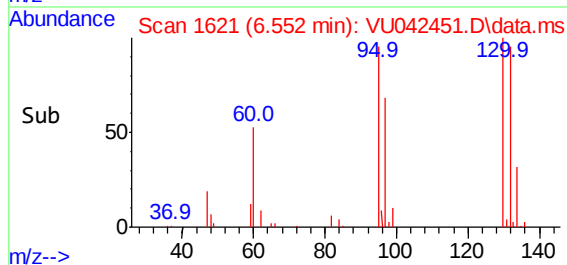
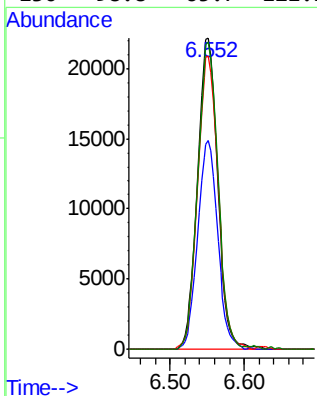
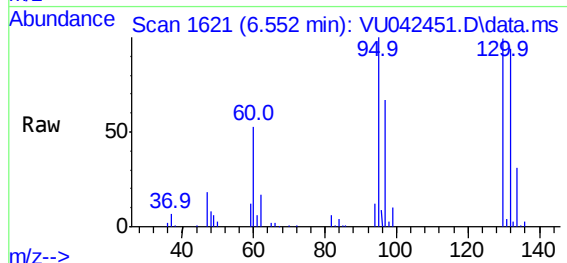




#34
Trichloroethene
Concen: 4.98 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

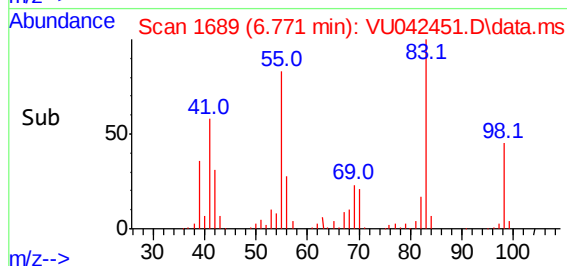
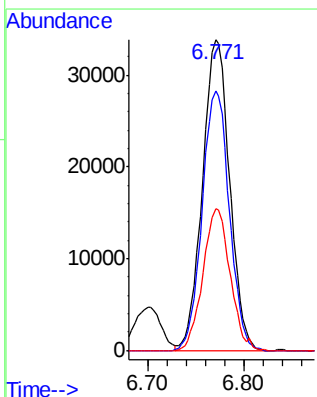
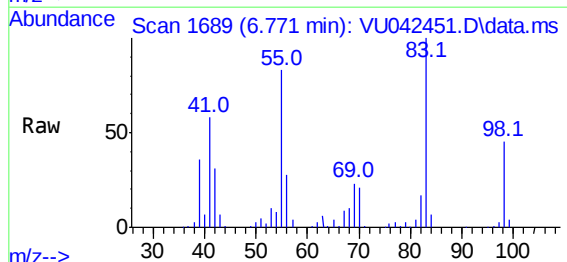
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

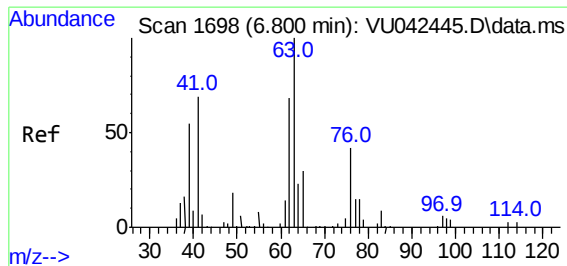
Tgt Ion: 95 Resp: 41993
Ion Ratio Lower Upper
95 100
97 67.1 44.9 83.3
132 94.2 65.6 121.8
130 98.8 65.7 121.9



#35
Methylcyclohexane
Concen: 5.15 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 83 Resp: 66186
Ion Ratio Lower Upper
83 100
55 83.5 66.8 100.2
98 45.8 36.6 54.8

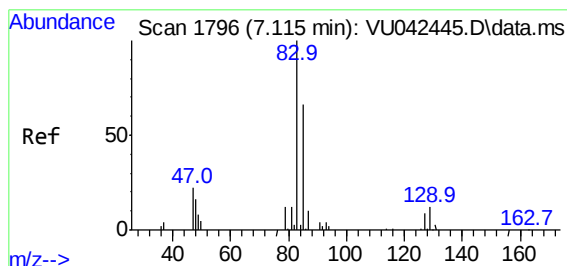
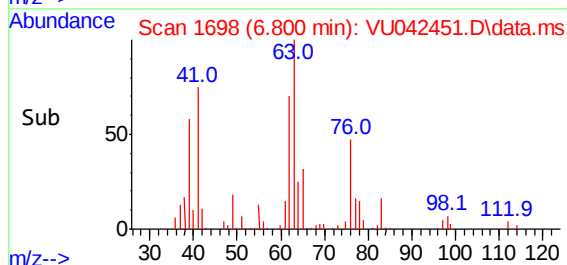
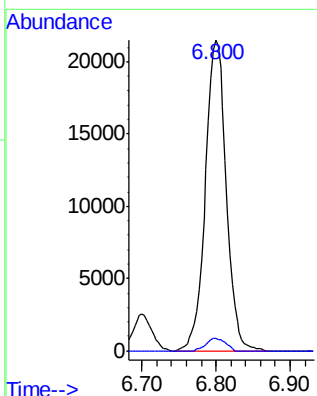
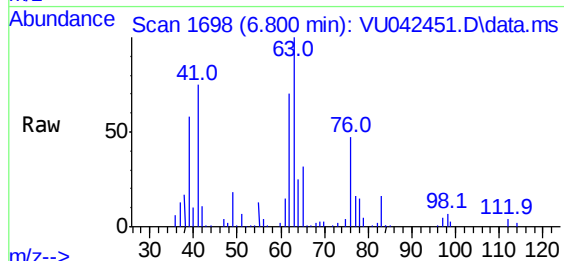




#37
1,2-Dichloropropane
Concen: 5.07 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

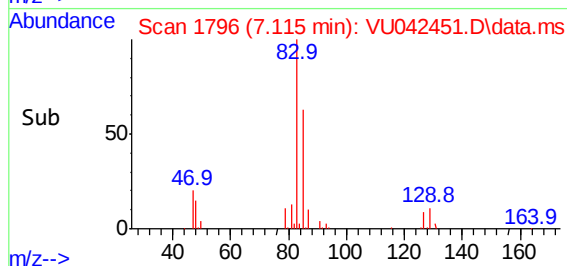
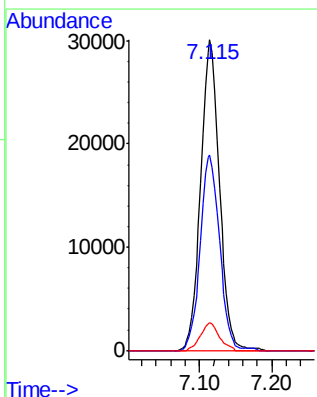
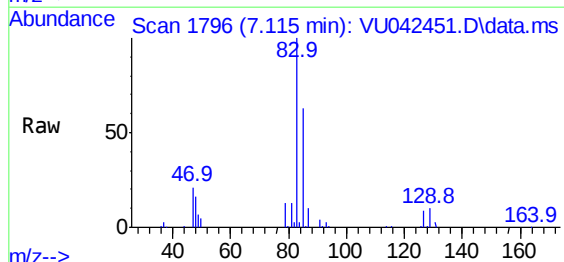
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

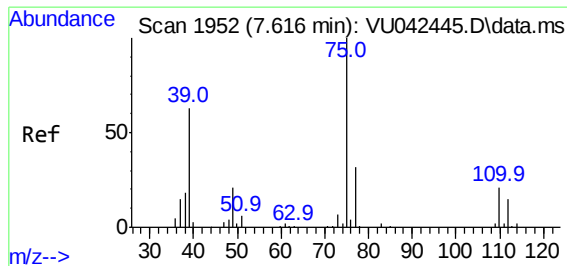
Tgt Ion: 63 Resp: 42118
Ion Ratio Lower Upper
63 100
112 3.7 2.7 4.1



#38
Bromodichloromethane
Concen: 5.05 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 83 Resp: 54211
Ion Ratio Lower Upper
83 100
85 62.7 46.1 85.5
127 9.0 6.9 10.3

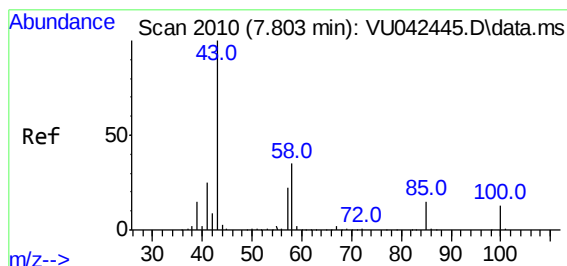
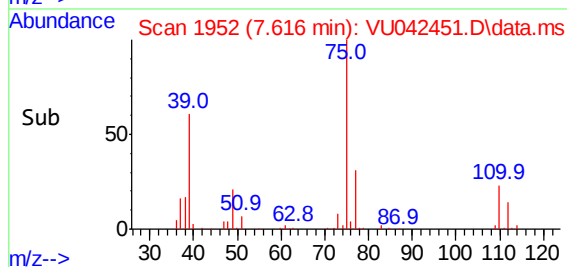
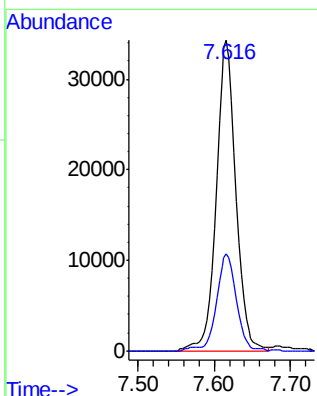
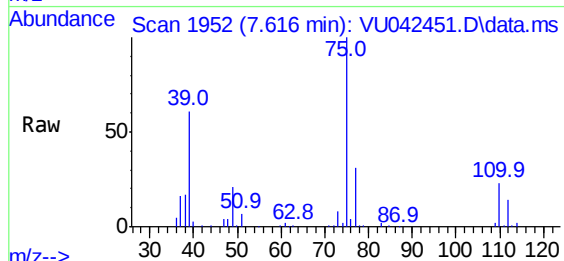




#39
 cis-1,3-Dichloropropene
 Concen: 5.18 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VU042451.D
 Acq: 26 Feb 2021 17:48

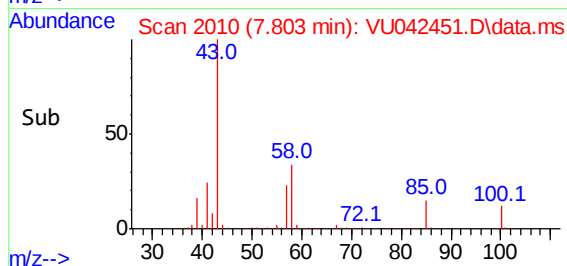
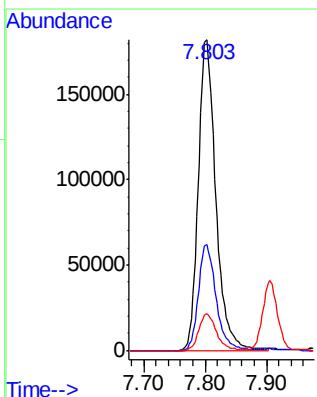
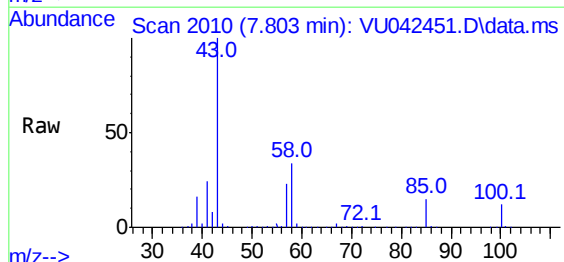
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005352

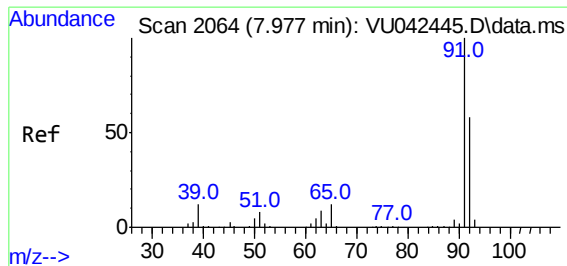
Tgt Ion: 75 Resp: 61437
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 52.38 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. -0.000 min
 Lab File: VU042451.D
 Acq: 26 Feb 2021 17:48

Tgt Ion: 43 Resp: 360353
 Ion Ratio Lower Upper
 43 100
 58 34.2 27.6 41.4
 100 11.9 9.8 14.6

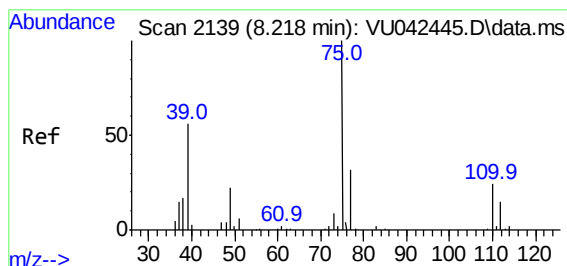
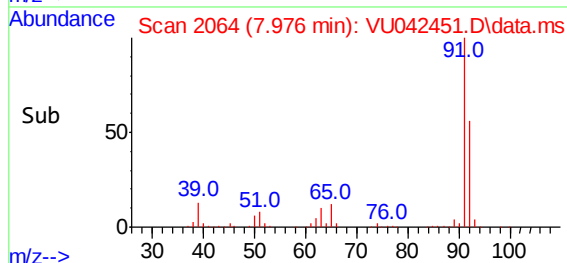
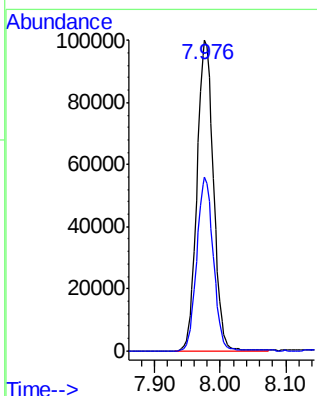
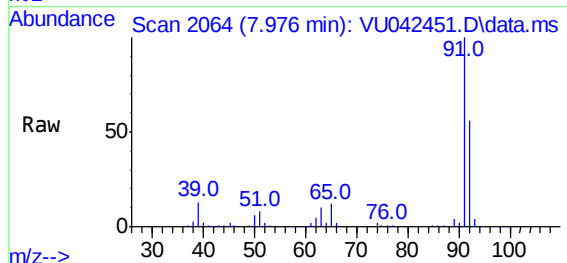




#42
Toluene
Concen: 5.18 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

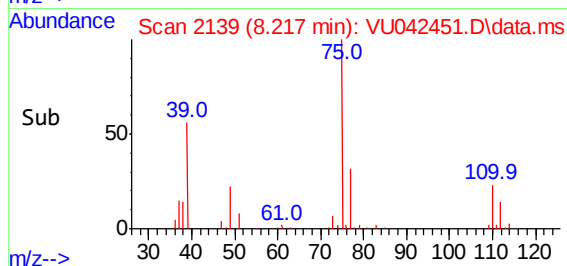
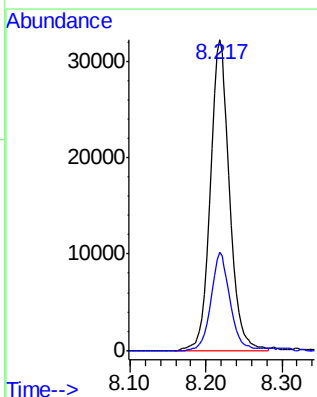
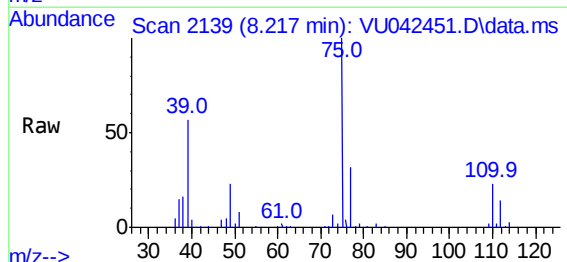
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

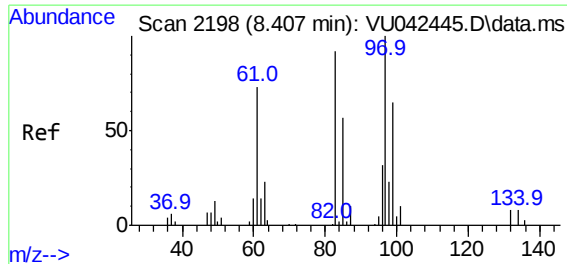
Tgt Ion: 91 Resp: 172416
Ion Ratio Lower Upper
91 100
92 55.8 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 5.31 ug/L
RT: 8.217 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 75 Resp: 56533
Ion Ratio Lower Upper
75 100
77 31.5 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 5.17 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. -0.000 min

Lab File: VU042451.D

Acq: 26 Feb 2021 17:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD005352

Tgt Ion: 97 Resp: 30587

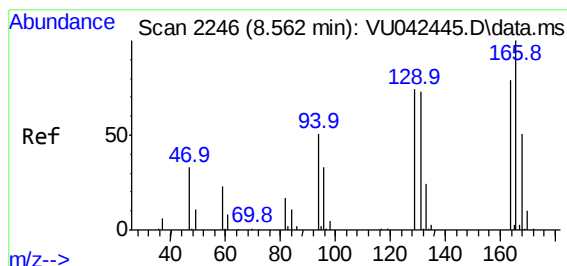
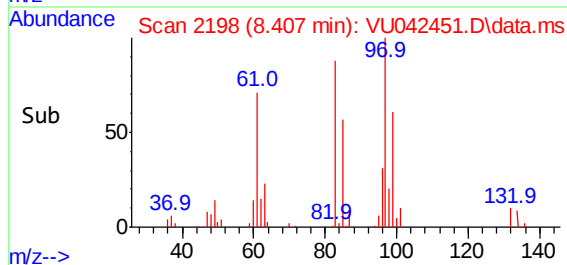
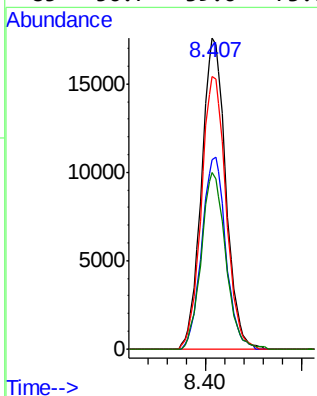
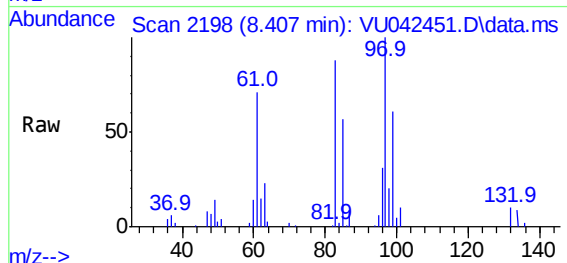
Ion Ratio Lower Upper

97 100

99 60.8 45.2 84.0

83 87.5 64.5 119.7

85 56.7 39.6 73.6



#47

Tetrachloroethene

Concen: 5.20 ug/L

RT: 8.561 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU042451.D

Acq: 26 Feb 2021 17:48

Tgt Ion: 164 Resp: 35527

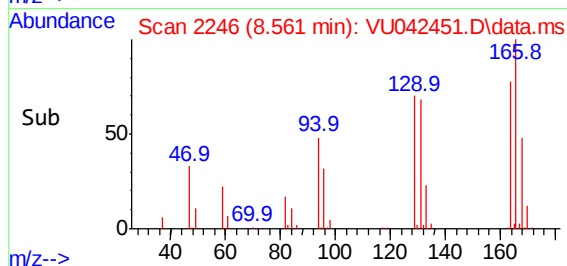
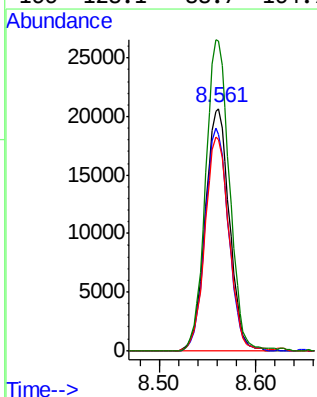
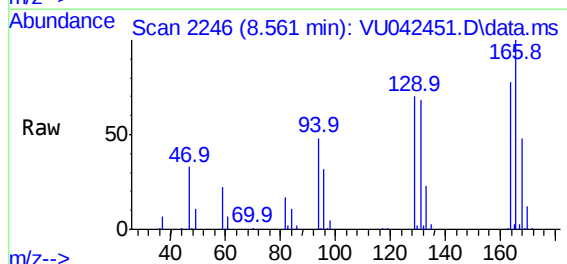
Ion Ratio Lower Upper

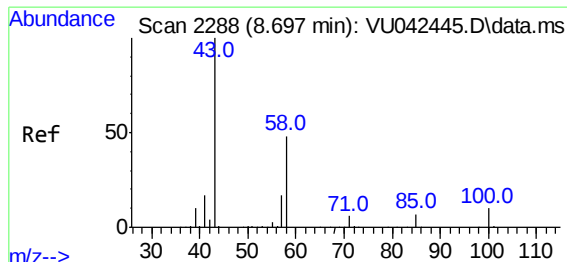
164 100

129 89.6 65.4 121.4

131 87.1 64.5 119.7

166 128.1 88.7 164.7



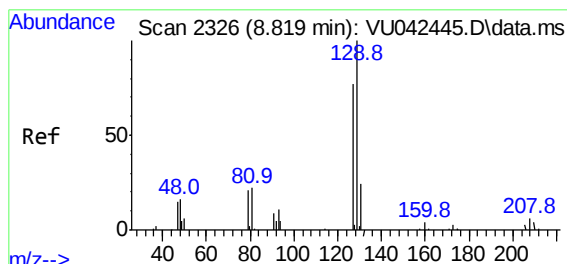
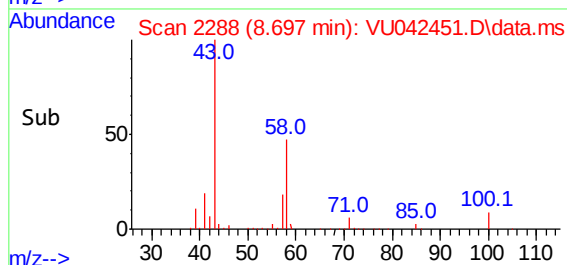
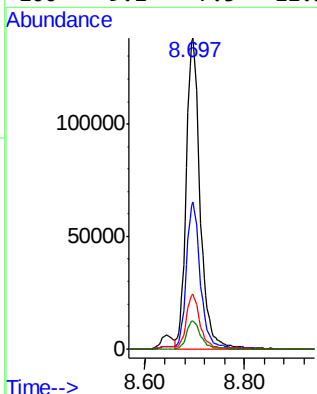
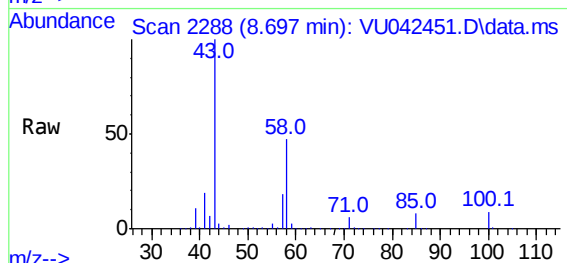


#48
2-Hexanone
Concen: 53.54 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

Tgt Ion: 43 Resp: 267149

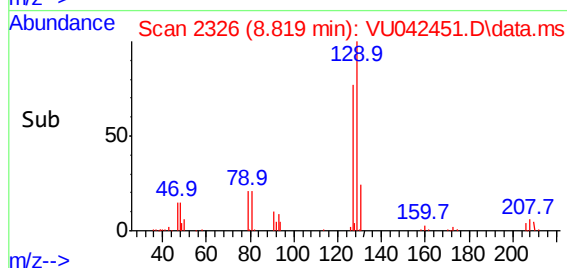
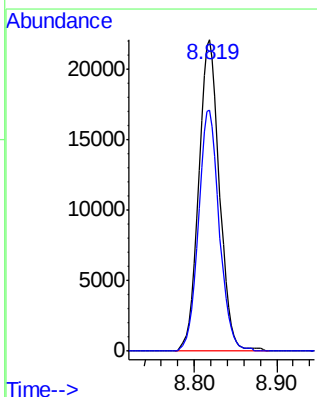
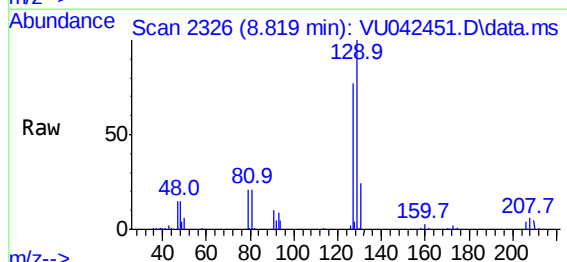
Ion	Ratio	Lower	Upper
43	100		
58	47.2	40.2	60.2
57	16.9	13.8	20.6
100	9.1	7.5	11.3

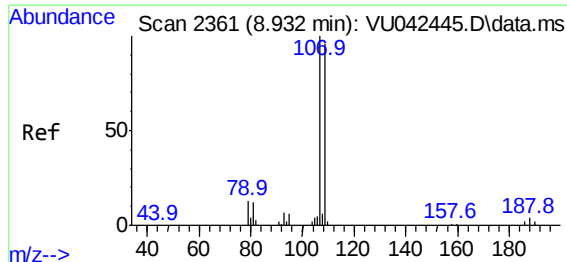


#49
Dibromochloromethane
Concen: 5.17 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 129 Resp: 38598

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.2	100.6





#50

1,2-Dibromoethane

Concen: 5.12 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU042451.D

Acq: 26 Feb 2021 17:48

Tgt Ion:107 Resp: 31088

Ion Ratio Lower Upper

107 100

109 95.2 66.8 124.2

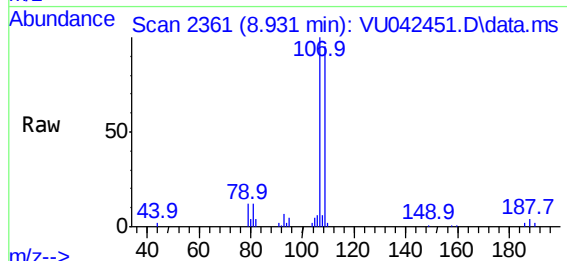
188 4.2 3.0 4.4

Instrument :

MSVOA_U

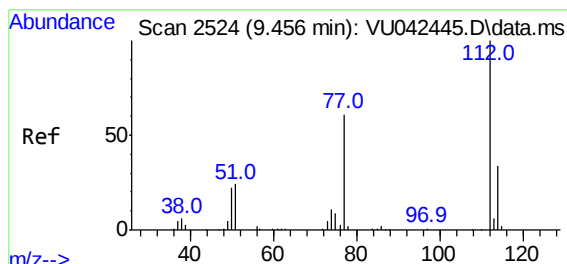
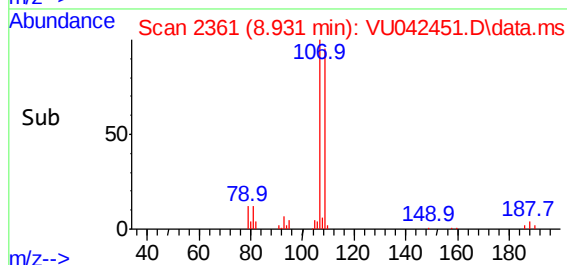
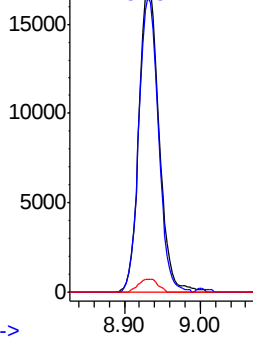
ClientSampleId :

VSTD005352



Abundance

8.931



#51

Chlorobenzene

Concen: 5.08 ug/L

RT: 9.455 min Scan# 2524

Delta R.T. -0.000 min

Lab File: VU042451.D

Acq: 26 Feb 2021 17:48

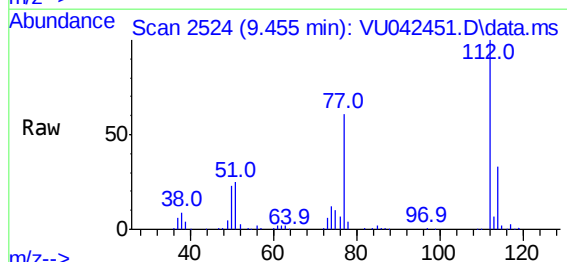
Tgt Ion:112 Resp: 107344

Ion Ratio Lower Upper

112 100

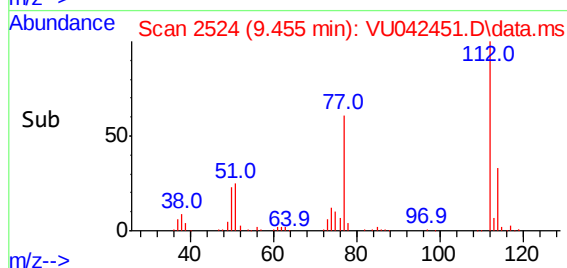
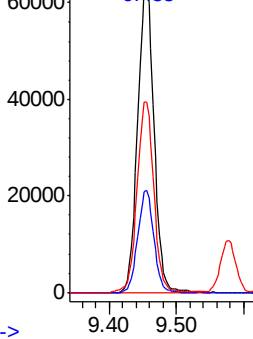
114 32.9 23.6 43.8

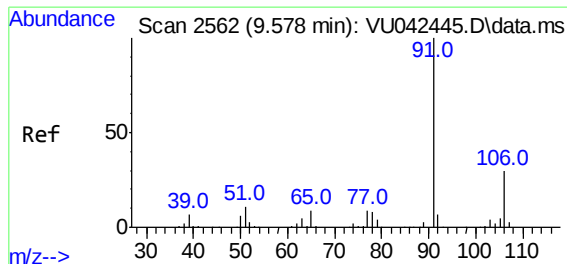
77 61.1 49.6 74.4



Abundance

9.455

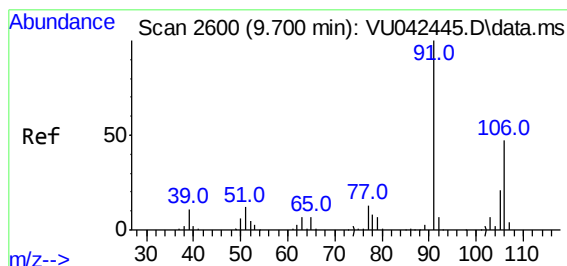
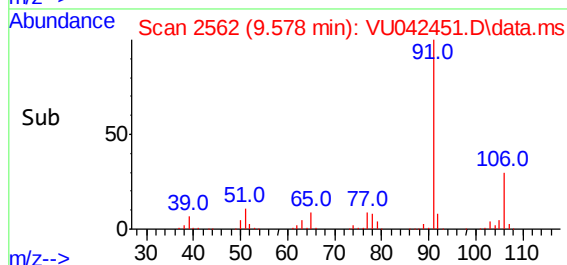
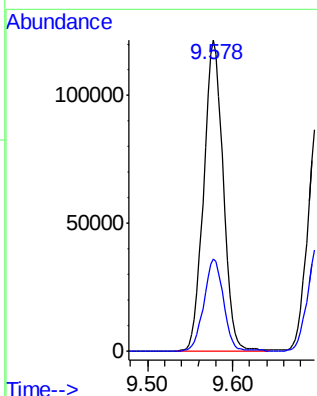
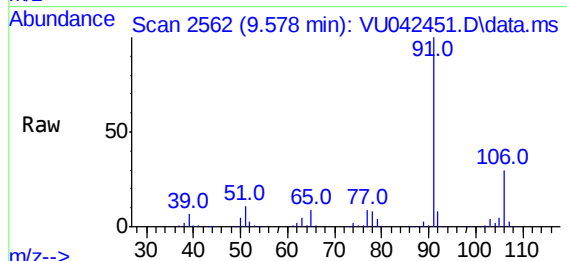




#52
Ethylbenzene
Concen: 5.14 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

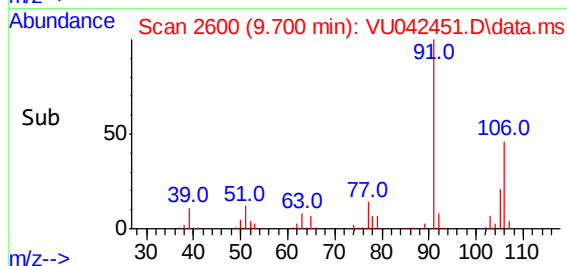
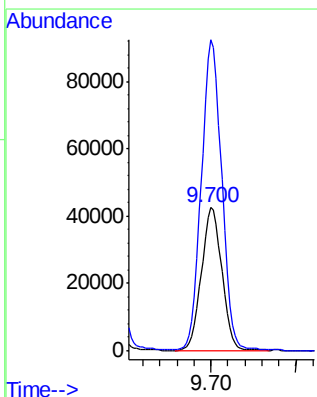
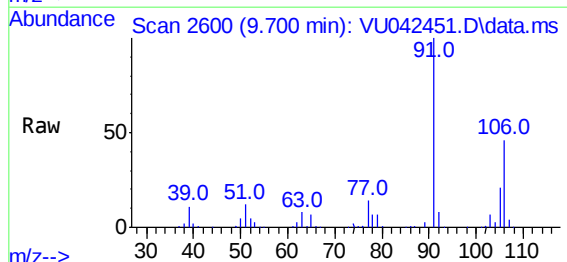
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

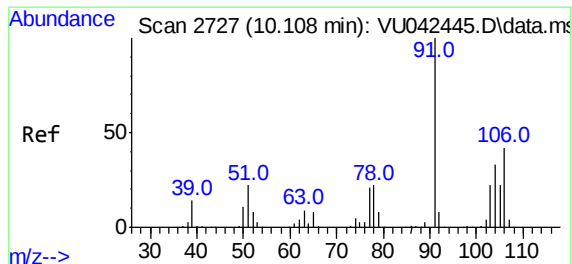
Tgt Ion: 91 Resp: 192277
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6



#53
m,p-Xylene
Concen: 5.15 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 106 Resp: 70887
Ion Ratio Lower Upper
106 100
91 217.6 150.1 278.7

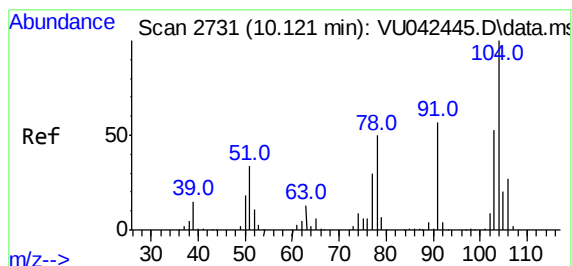
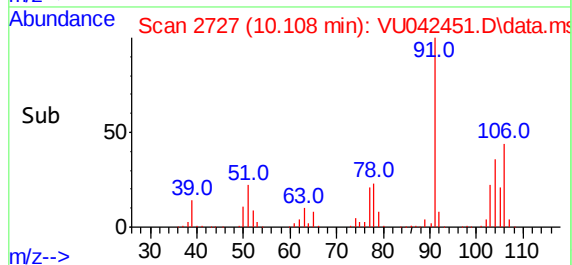
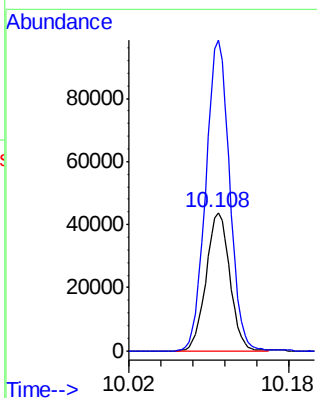
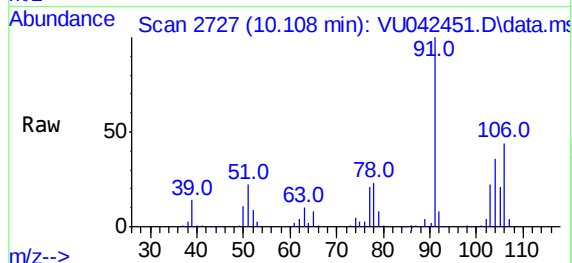




#54
o-Xylene
Concen: 5.16 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

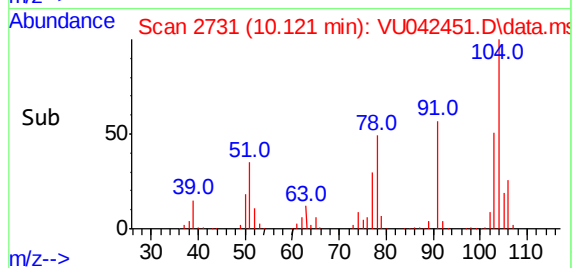
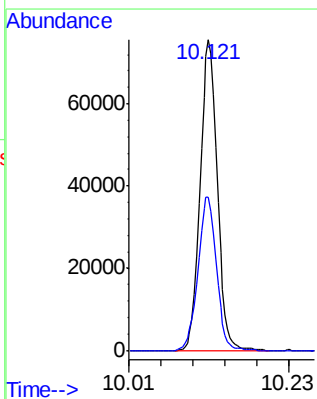
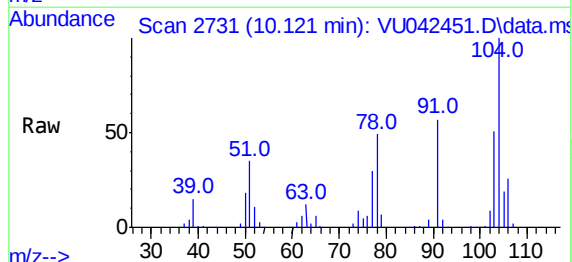
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

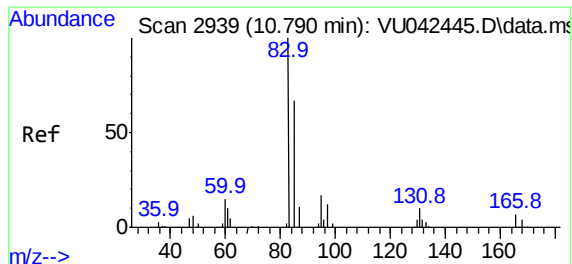
Tgt Ion:106 Resp: 69716
Ion Ratio Lower Upper
106 100
91 225.3 165.8 308.0



#55
Styrene
Concen: 5.34 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion:104 Resp: 121349
Ion Ratio Lower Upper
104 100
78 49.2 35.1 65.1

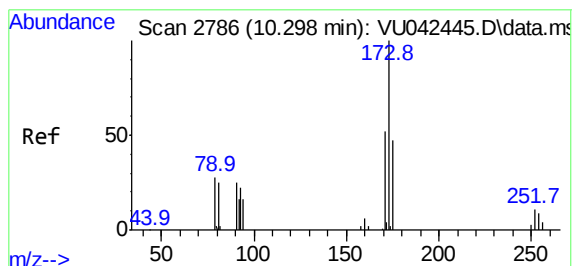
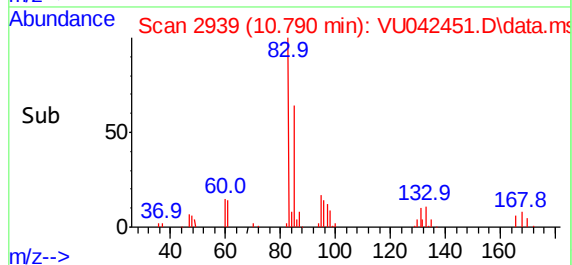
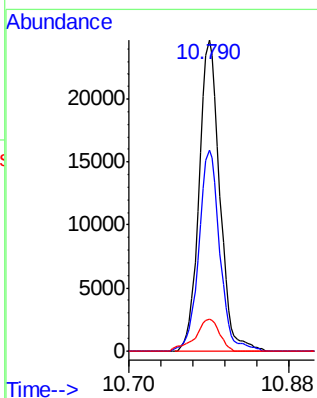
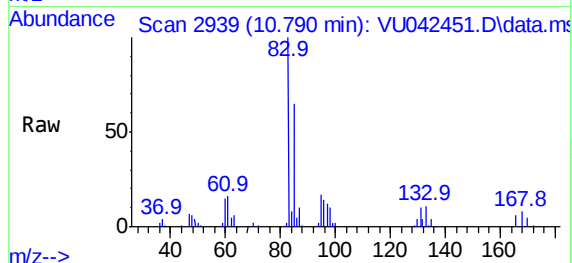




#57
1,1,2,2-Tetrachloroethane
Concen: 5.34 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

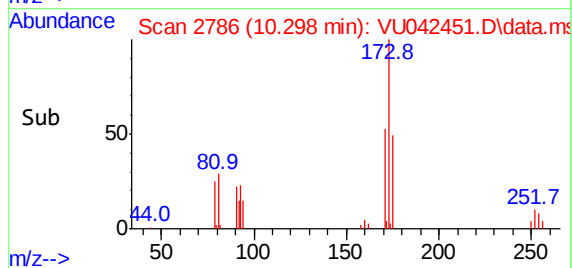
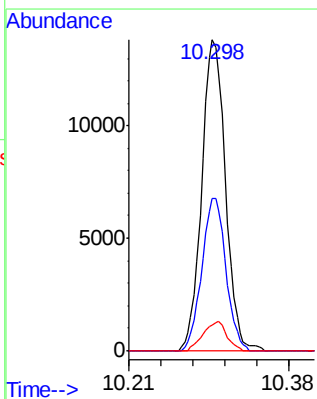
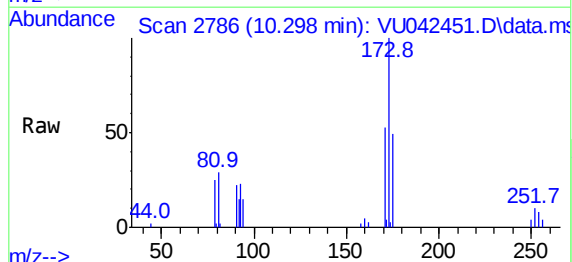
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

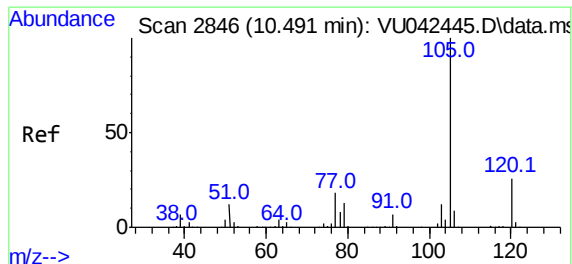
Tgt Ion: 83 Resp: 40294
Ion Ratio Lower Upper
83 100
85 64.7 47.1 87.5
131 10.1 8.7 13.1



#59
Bromoform
Concen: 5.15 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 173 Resp: 23518
Ion Ratio Lower Upper
173 100
175 49.5 38.1 57.1
254 9.3 7.4 11.0

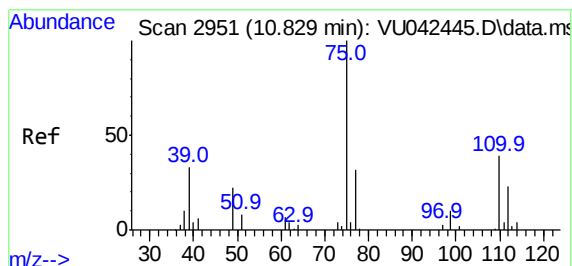
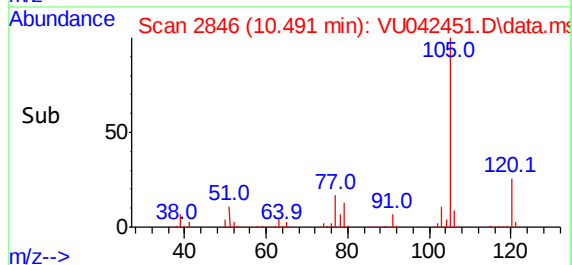
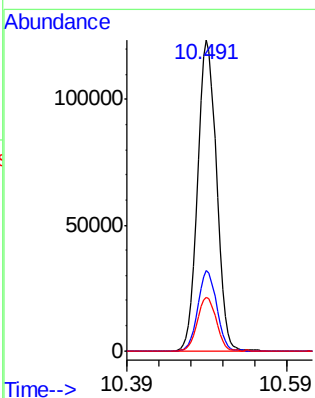
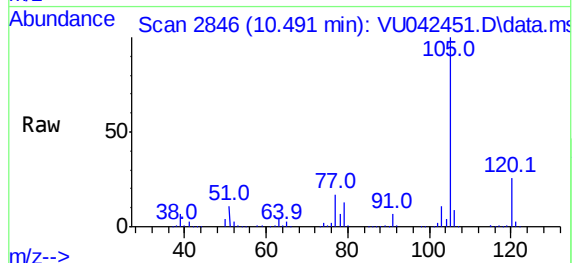




#60
Isopropylbenzene
Concen: 5.30 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

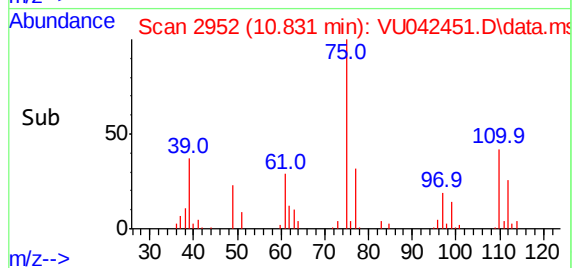
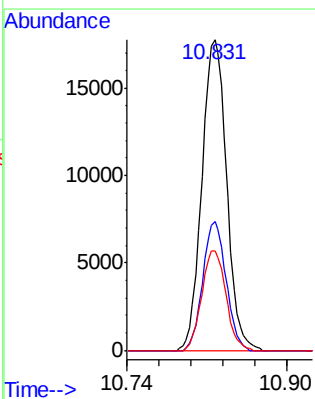
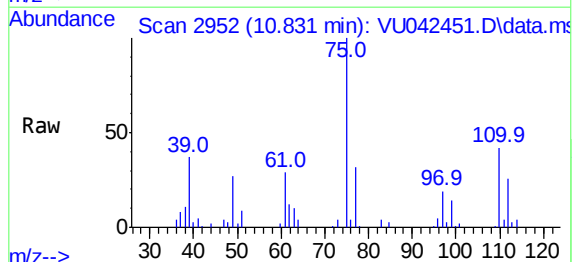
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

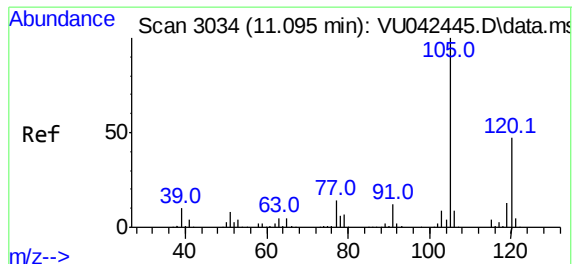
Tgt Ion:105 Resp: 194158
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 17.2 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 5.17 ug/L
RT: 10.831 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 75 Resp: 30537
Ion Ratio Lower Upper
75 100
110 39.2 32.0 48.0
77 31.4 25.8 38.6



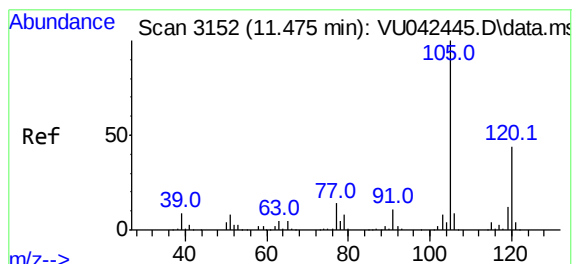
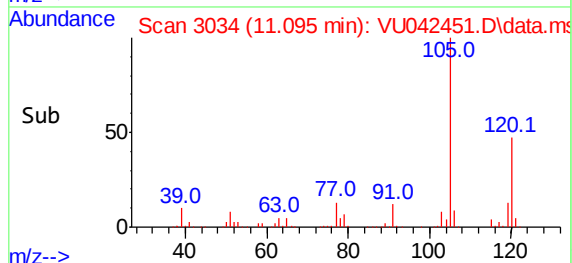
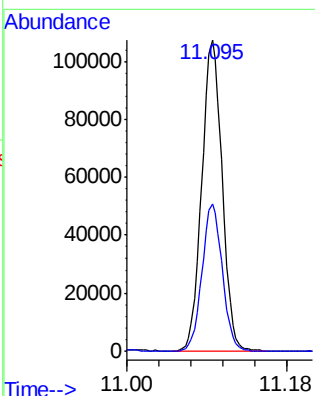
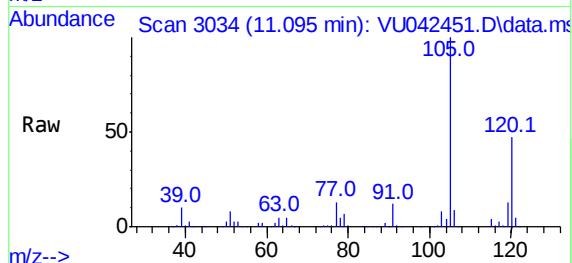


#62
 1,3,5-Trimethylbenzene
 Concen: 5.20 ug/L
 RT: 11.095 min Scan# 3034
 Delta R.T. -0.000 min
 Lab File: VU042451.D
 Acq: 26 Feb 2021 17:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005352

Tgt Ion:105 Resp: 162729

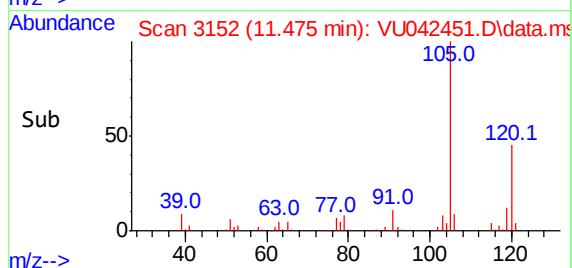
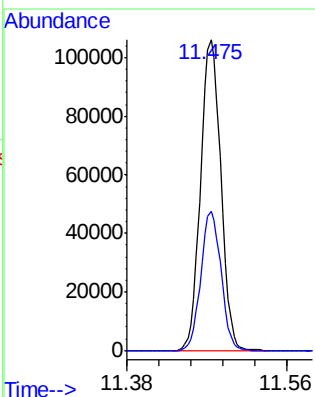
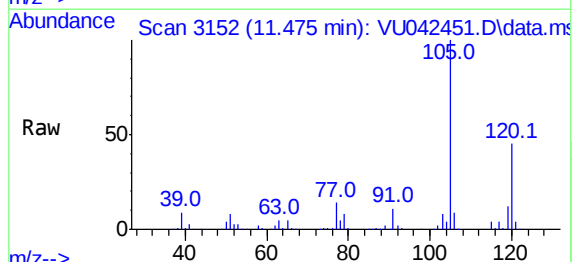
Ion	Ratio	Lower	Upper
105	100		
120	46.9	37.6	56.4

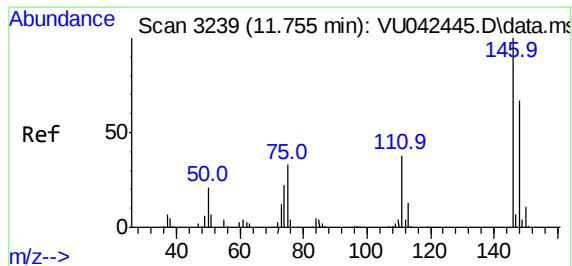


#63
 1,2,4-Trimethylbenzene
 Concen: 5.30 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. -0.000 min
 Lab File: VU042451.D
 Acq: 26 Feb 2021 17:48

Tgt Ion:105 Resp: 163930

Ion	Ratio	Lower	Upper
105	100		
120	44.6	35.4	53.2

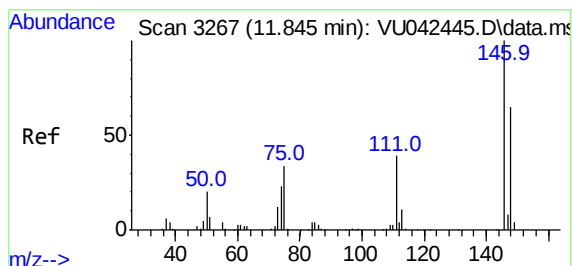
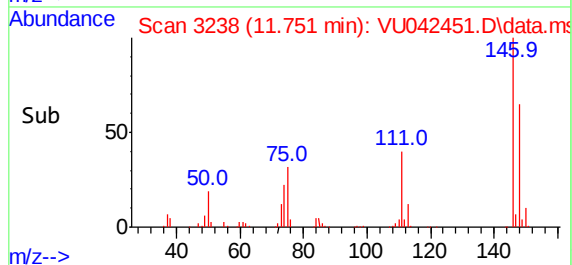
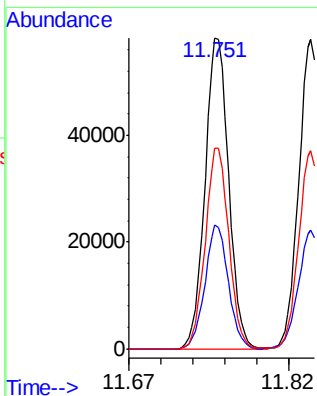
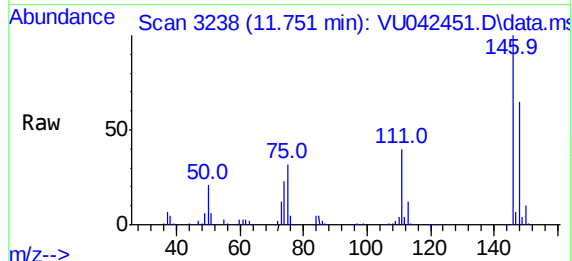




#64
1,3-Dichlorobenzene
Concen: 5.24 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

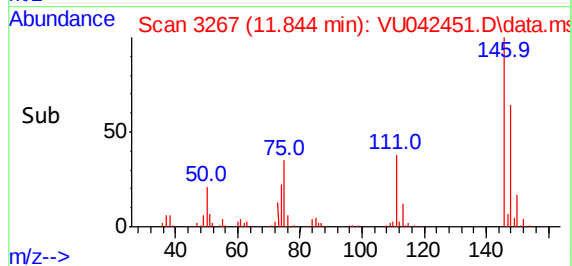
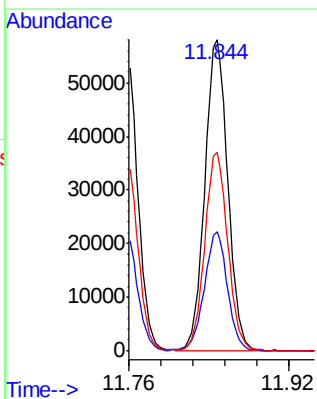
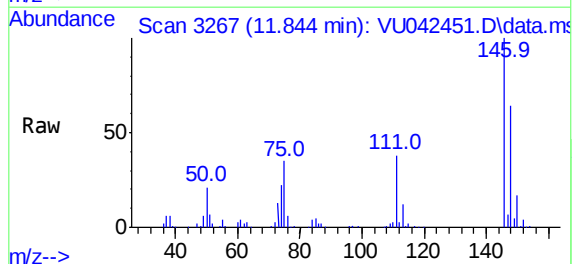
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

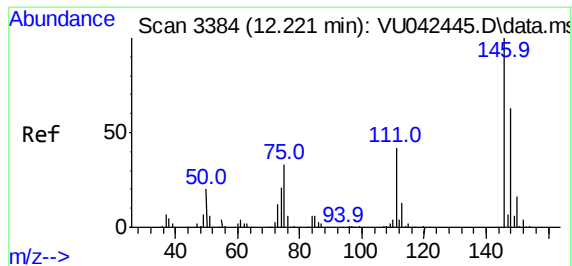
Tgt Ion:146 Resp: 92645
Ion Ratio Lower Upper
146 100
111 40.0 26.9 49.9
148 64.6 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 5.23 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.001 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion:146 Resp: 92179
Ion Ratio Lower Upper
146 100
111 38.3 27.2 50.6
148 64.0 45.6 84.6

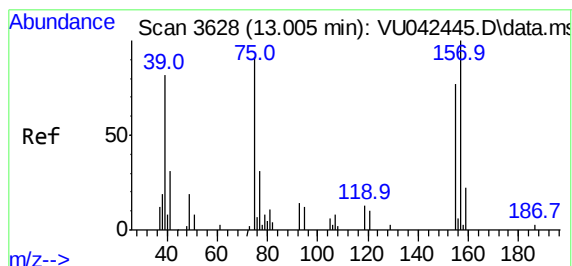
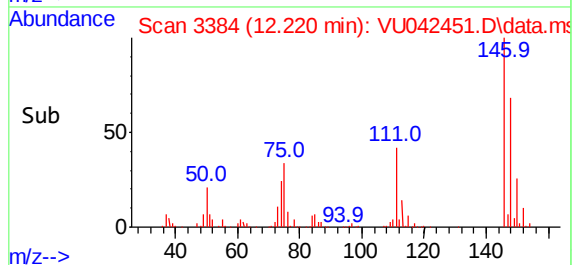
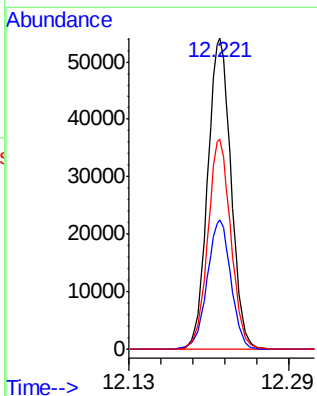
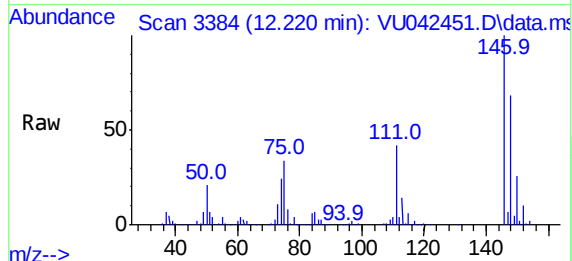




#67
1,2-Dichlorobenzene
Concen: 5.10 ug/L
RT: 12.220 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

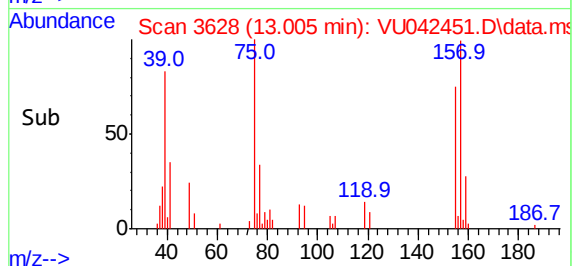
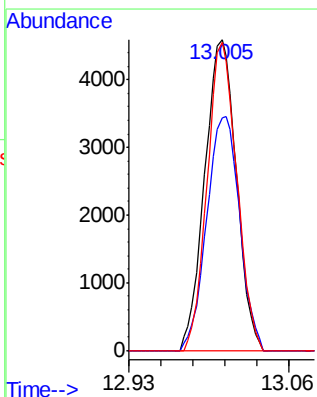
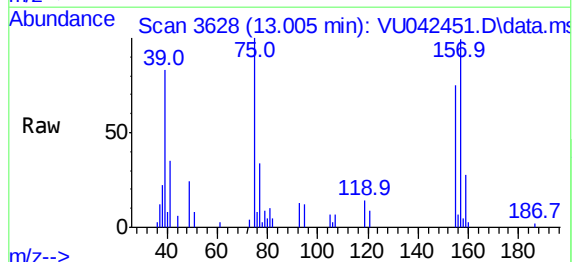
Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

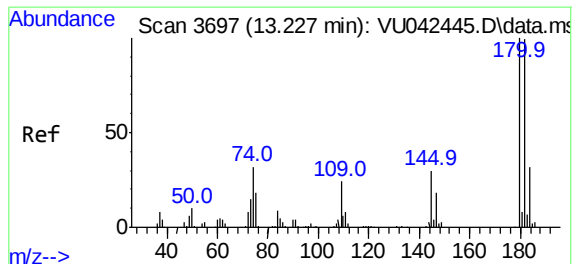
Tgt Ion:146 Resp: 87367
Ion Ratio Lower Upper
146 100
111 41.5 33.9 50.9
148 67.5 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.72 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion: 75 Resp: 7665
Ion Ratio Lower Upper
75 100
155 75.0 67.6 101.4
157 99.3 88.3 132.5



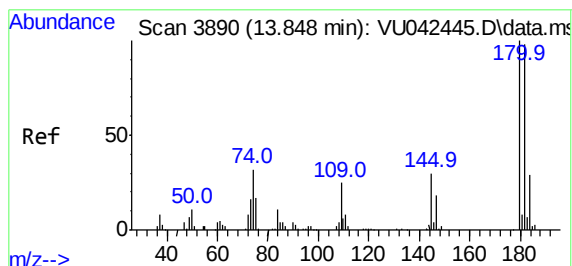
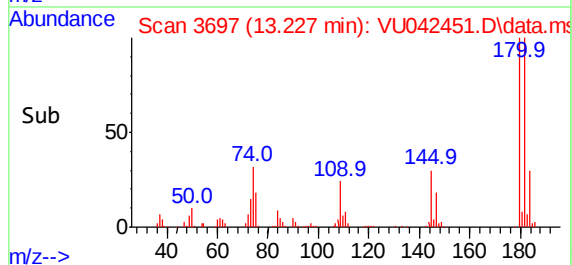
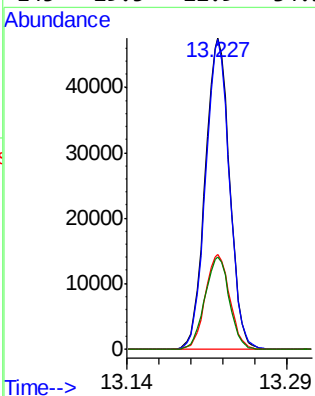
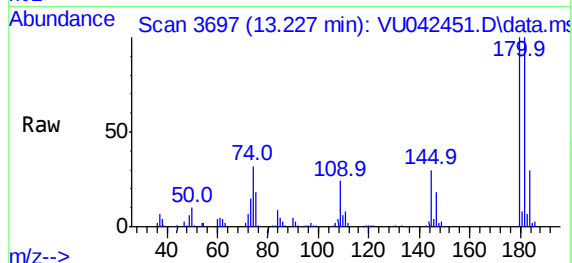


#69
1,3,5-Trichlorobenzene
Concen: 5.14 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

Tgt Ion:180 Resp: 74170

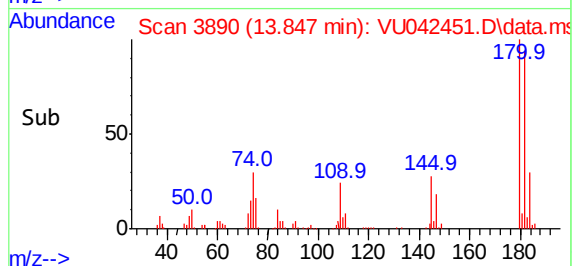
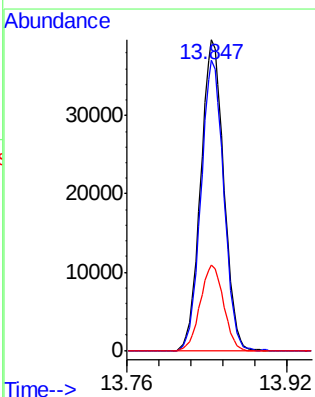
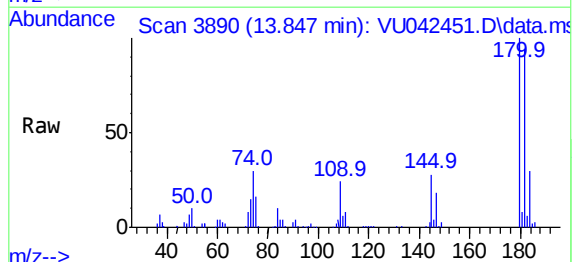
Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.9	115.3
184	30.3	24.9	37.3
145	29.5	22.9	34.3

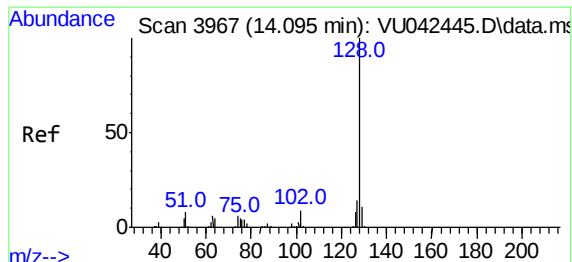


#70
1,2,4-trichlorobenzene
Concen: 5.60 ug/L
RT: 13.847 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion:180 Resp: 63451

Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.5	114.7
145	27.7	23.8	35.8

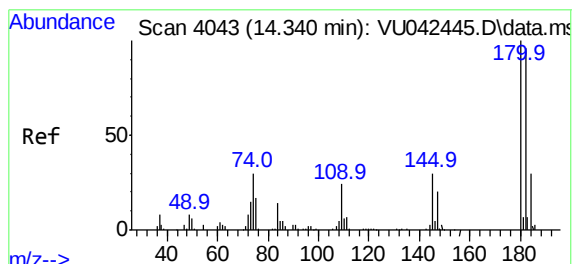
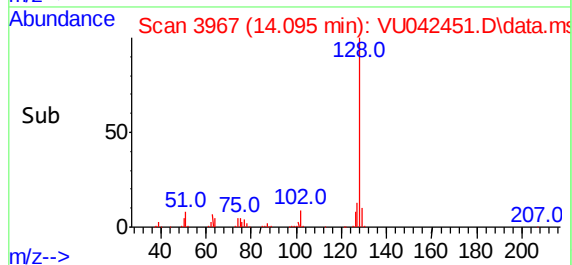
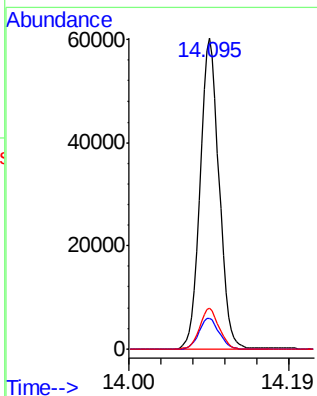
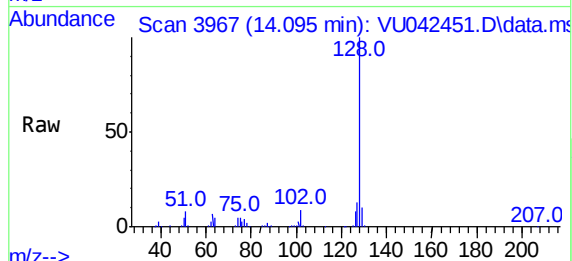




#71
Naphthalene
Concen: 5.48 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD005352

Tgt Ion:128 Resp: 95670
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 13.2 11.0 16.4



#72
1,2,3-Trichlorobenzene
Concen: 5.43 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU042451.D
Acq: 26 Feb 2021 17:48

Tgt Ion:180 Resp: 55460
Ion Ratio Lower Upper
180 100
182 95.9 76.6 114.8
145 29.8 24.3 36.5

