

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046876.D
 Acq On : 27 Jan 2022 17:49
 Operator : SY/MD
 Sample : N1273-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK2

Quant Time: Jan 28 01:01:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101256	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	30836	3.594	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.919	69	29494	4.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.572	65	14538	4.260	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.645	46	120257	47.311	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.620%
24) Chloroform-d	5.070	84	69507	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.707	65	39218	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.732	84	134112	4.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.694	67	43798	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.899	98	108251	3.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.182	79	15409	3.615	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.636	63	111236	44.071	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.140%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40673	4.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	43811	4.565	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						Qvalue
3) Chloromethane	1.527	50	1915	0.244	ug/L	97
5) Vinyl chloride	1.610	62	3659	0.448	ug/L	88
12) 1,1-Dichloroethene	2.588	96	1003219	177.440	ug/L #	58
16) Methylene chloride	3.054	84	8396	1.230	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	3105	0.196	ug/L	96
18) trans-1,2-Dichloroethene	3.363	96	6221	1.016	ug/L	93
19) 1,1-Dichloroethane	3.877	63	182944	17.795	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	511305	79.150	ug/L	98
25) Chloroform	5.092	83	15767	0.966	ug/L	95
27) 1,2-Dichloroethane	5.803	62	8982	1.247	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	33587	3.390	ug/L	98
33) Benzene	5.780	78	3833	0.148	ug/L	100
34) Trichloroethene	6.549	95	5175984	769.797	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	7997	1.480	ug/L	96
47) Tetrachloroethene	8.568	164	7467599	1365.560	ug/L	97
55) Styrene	10.118	104	1690	0.091	ug/L	93

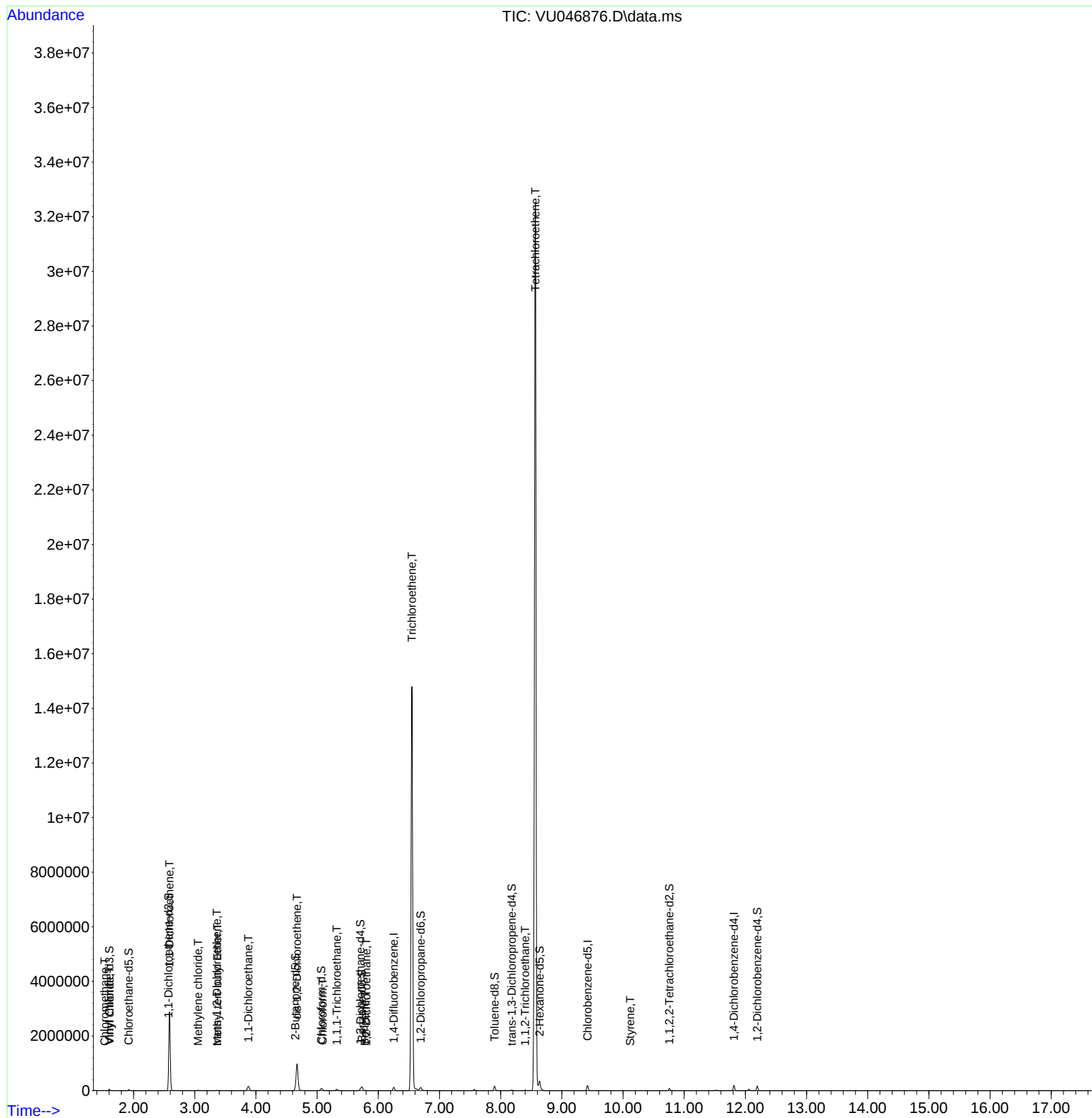
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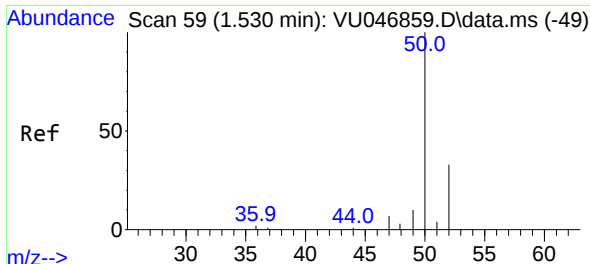
Instrument :
MSVOA_U
ClientSampleId :
C0HK2

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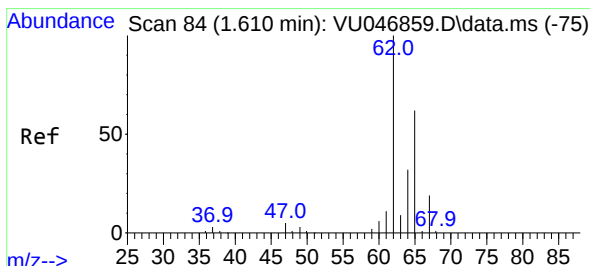
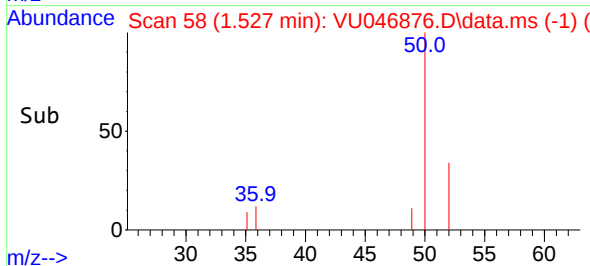
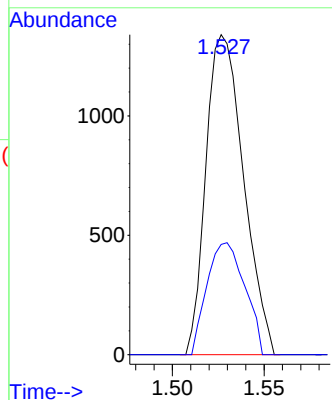
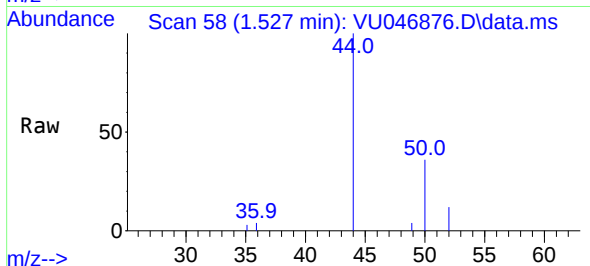




#3
Chloromethane
Concen: 0.244 ug/L
RT: 1.527 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU046876.D
Acq: 27 Jan 2022 17:49

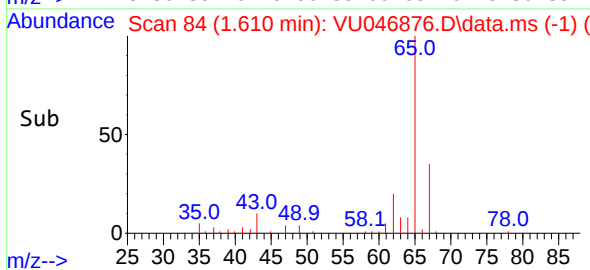
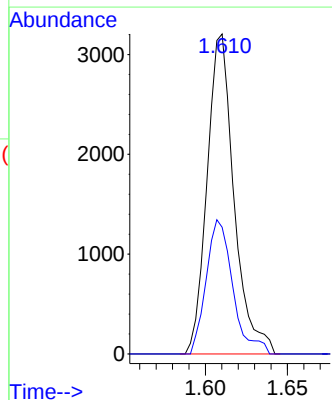
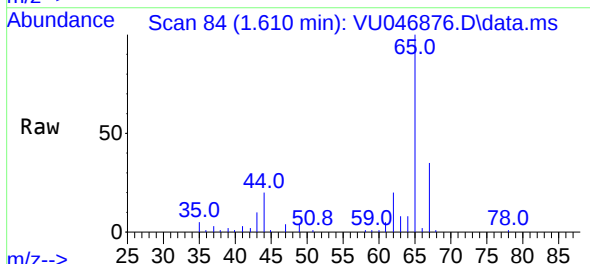
Instrument :
MSVOA_U
ClientSampleId :
C0HK2

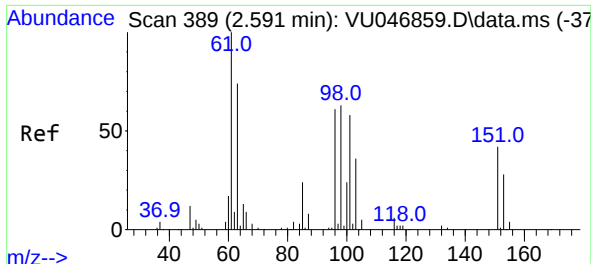
Tgt Ion: 50 Resp: 1915
Ion Ratio Lower Upper
50 100
52 34.5 23.0 42.8



#5
Vinyl chloride
Concen: 0.448 ug/L
RT: 1.610 min Scan# 84
Delta R.T. -0.000 min
Lab File: VU046876.D
Acq: 27 Jan 2022 17:49

Tgt Ion: 62 Resp: 3659
Ion Ratio Lower Upper
62 100
64 39.6 22.9 42.5





#12

1,1-Dichloroethene

Concen: 177.440 ug/L

RT: 2.588 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU046876.D

Acq: 27 Jan 2022 17:49

Instrument :

MSVOA_U

ClientSampleId :

C0HK2

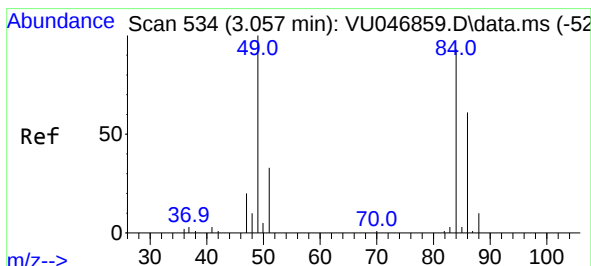
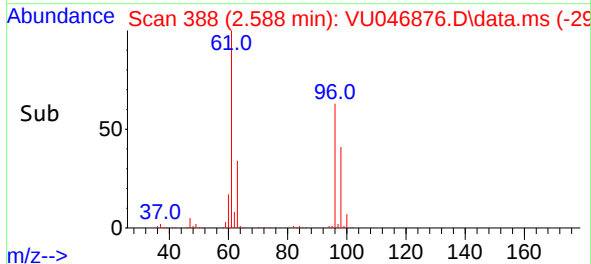
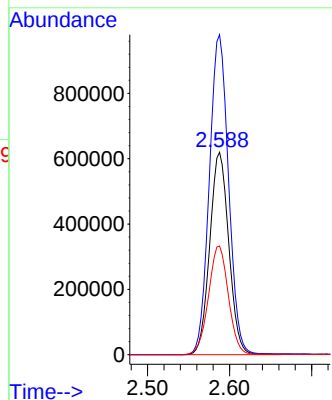
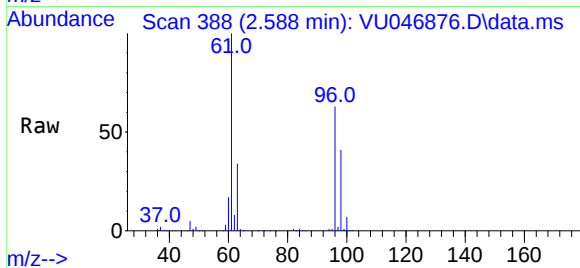
Tgt Ion: 96 Resp: 1003219

Ion Ratio Lower Upper

96 100

61 158.1 124.7 231.5

63 53.7 105.2 195.4#



#16

Methylene chloride

Concen: 1.230 ug/L

RT: 3.054 min Scan# 533

Delta R.T. -0.003 min

Lab File: VU046876.D

Acq: 27 Jan 2022 17:49

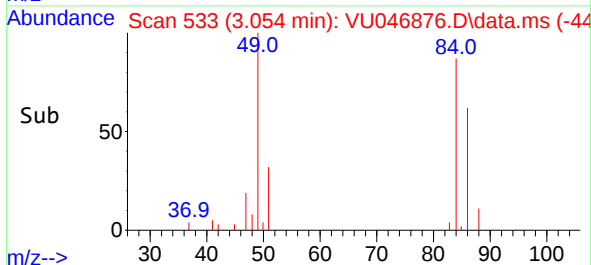
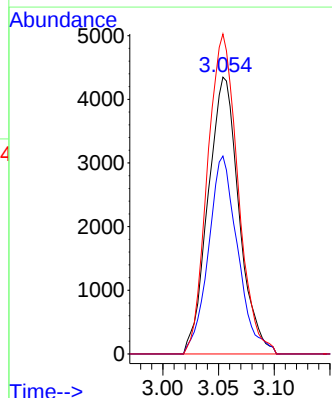
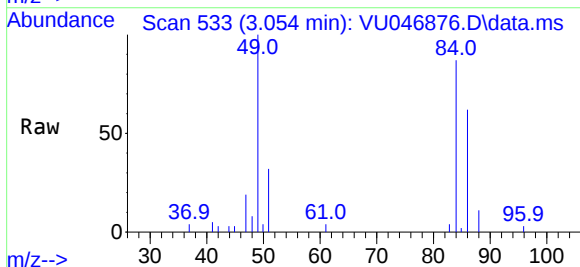
Tgt Ion: 84 Resp: 8396

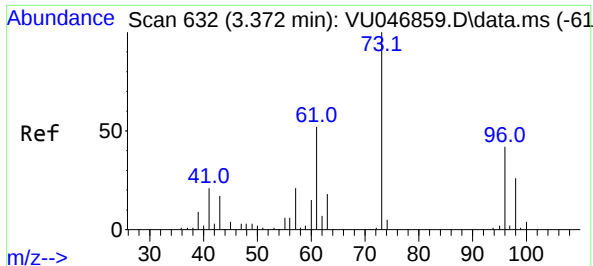
Ion Ratio Lower Upper

84 100

86 71.5 45.8 85.0

49 115.6 84.5 156.9



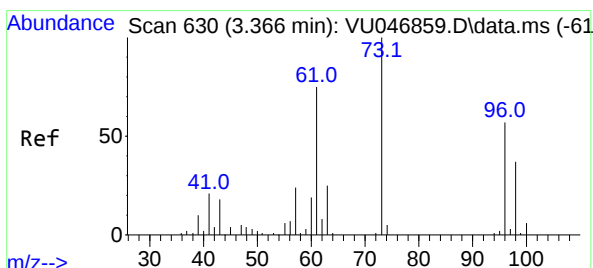
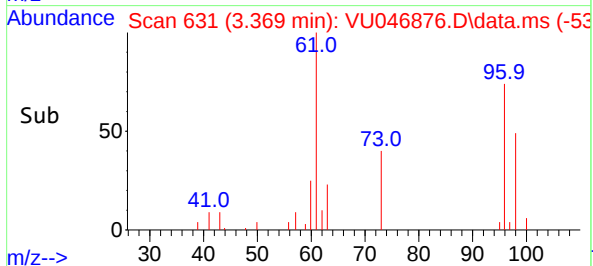
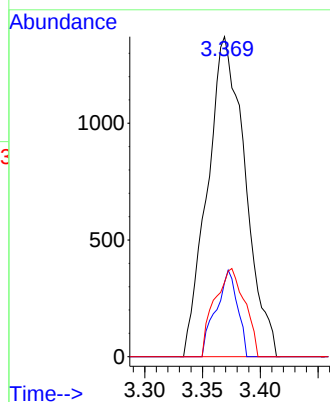
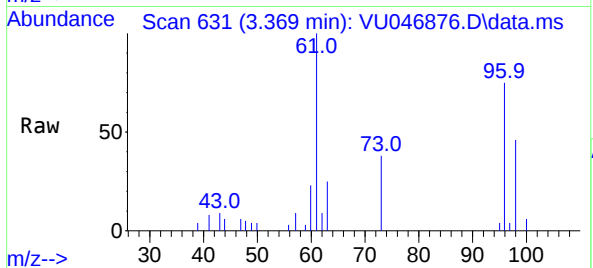


#17
Methyl tert-butyl Ether
Concen: 0.196 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU046876.D
Acq: 27 Jan 2022 17:49

Instrument :
MSVOA_U
ClientSampleId :
C0HK2

Tgt Ion: 73 Resp: 3105

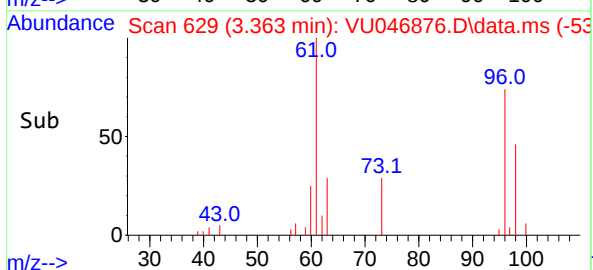
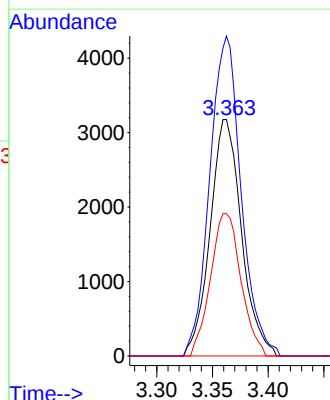
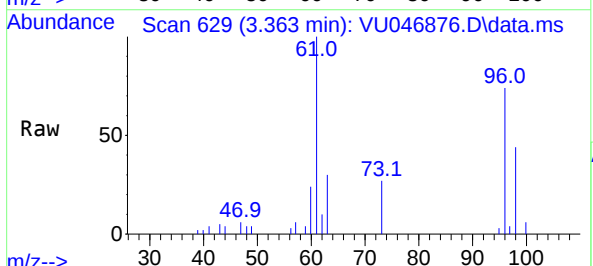
Ion	Ratio	Lower	Upper
73	100		
43	15.4	14.8	22.2
57	22.0	17.4	26.0

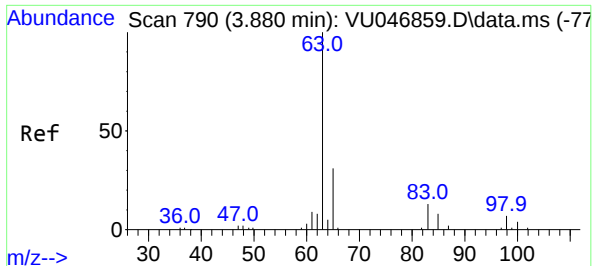


#18
trans-1,2-Dichloroethene
Concen: 1.016 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU046876.D
Acq: 27 Jan 2022 17:49

Tgt Ion: 96 Resp: 6221

Ion	Ratio	Lower	Upper
96	100		
61	135.3	100.8	187.2
98	60.2	45.1	83.7





#19

1,1-Dichloroethane

Concen: 17.795 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046876.D

Acq: 27 Jan 2022 17:49

Instrument :

MSVOA_U

ClientSampleId :

C0HK2

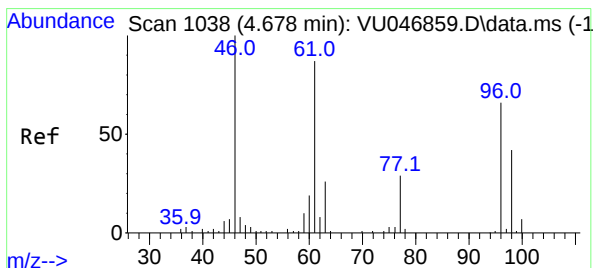
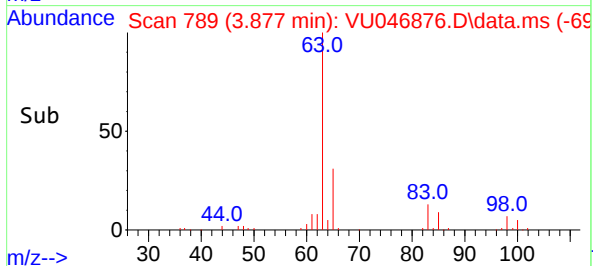
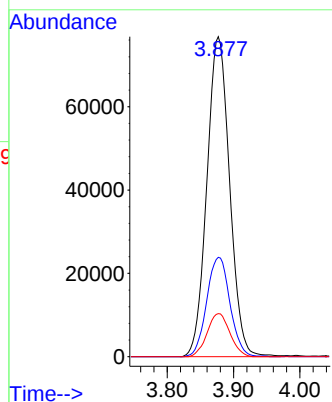
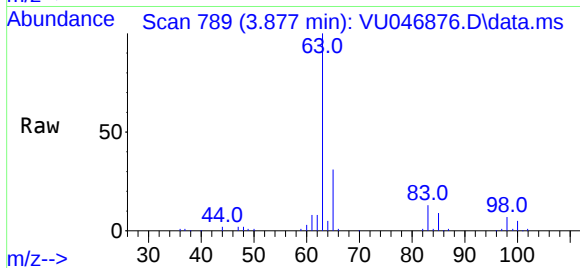
Tgt Ion: 63 Resp: 182944

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

83 13.5 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 79.150 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VU046876.D

Acq: 27 Jan 2022 17:49

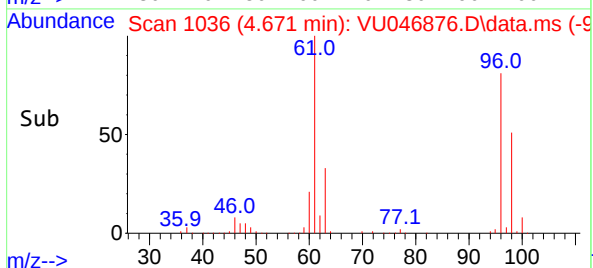
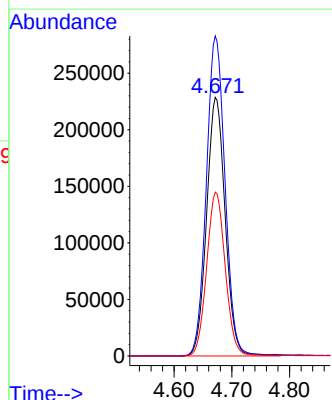
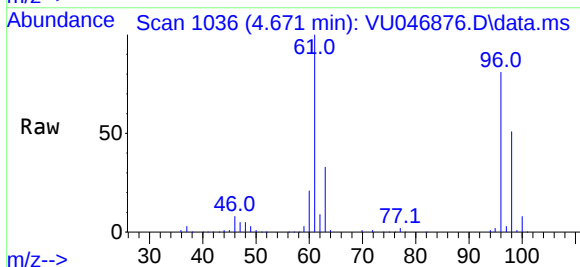
Tgt Ion: 96 Resp: 511305

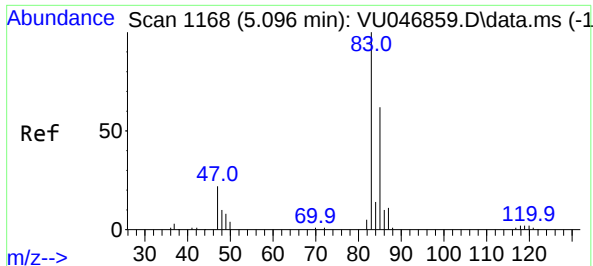
Ion Ratio Lower Upper

96 100

61 123.8 88.5 164.3

98 63.4 44.4 82.5

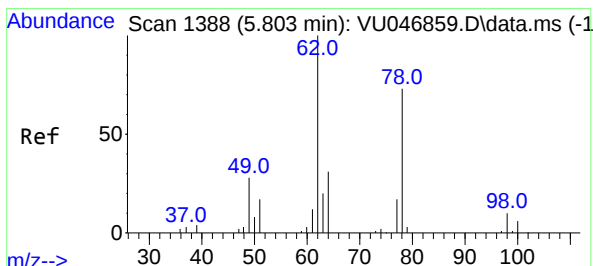
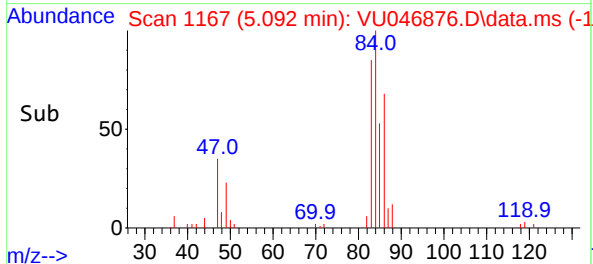
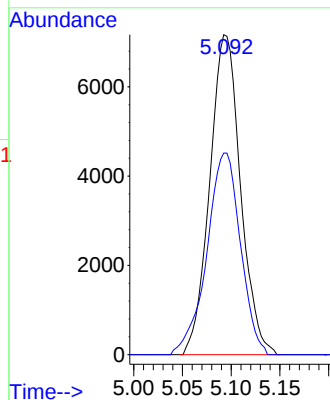
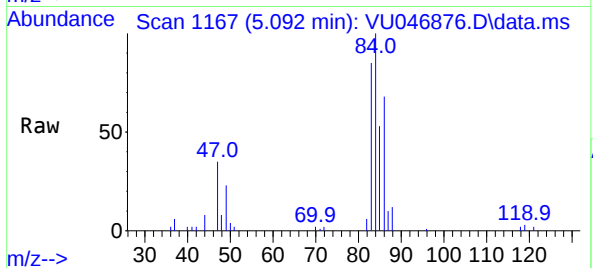




#25
Chloroform
Concen: 0.966 ug/L
RT: 5.092 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU046876.D
Acq: 27 Jan 2022 17:49

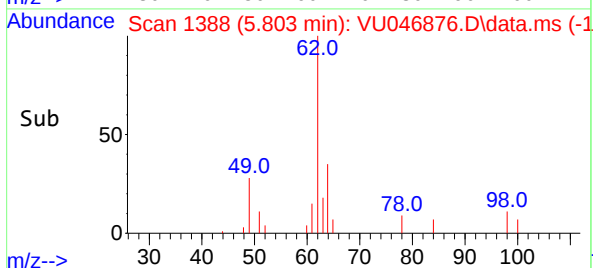
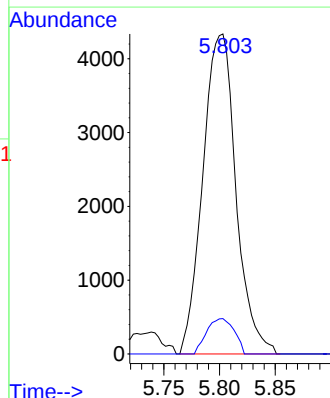
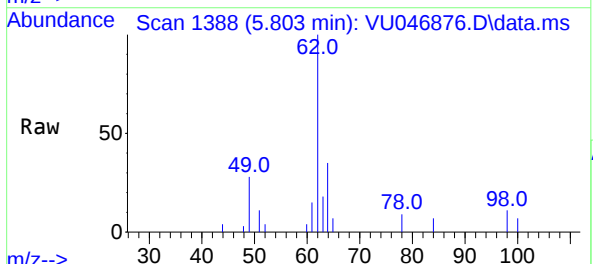
Instrument :
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ClientSampleId :
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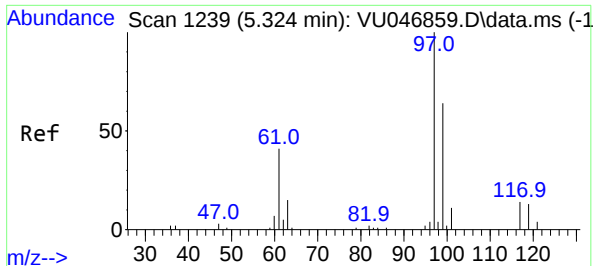
Tgt Ion: 83 Resp: 15767
Ion Ratio Lower Upper
83 100
85 63.0 46.9 87.1



#27
1,2-Dichloroethane
Concen: 1.247 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU046876.D
Acq: 27 Jan 2022 17:49

Tgt Ion: 62 Resp: 8982
Ion Ratio Lower Upper
62 100
98 11.1 7.8 11.8

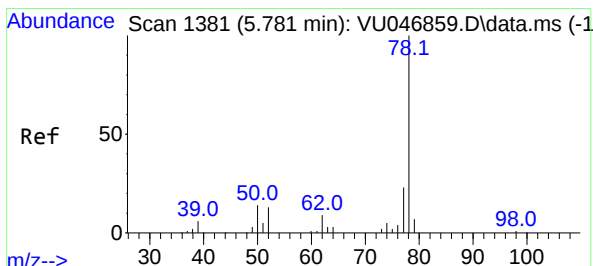
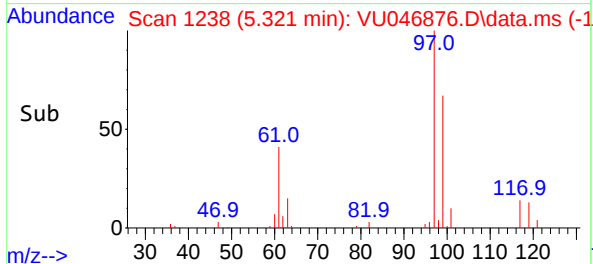
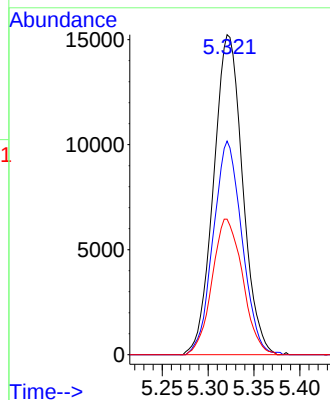
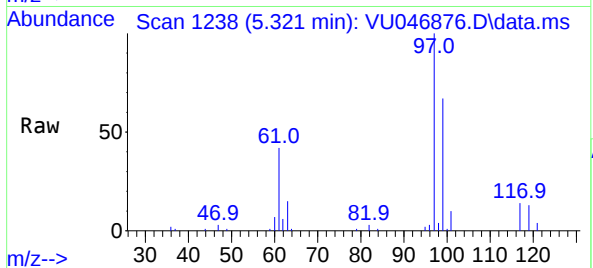




#29
1,1,1-Trichloroethane
Concen: 3.390 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046876.D
Acq: 27 Jan 2022 17:49

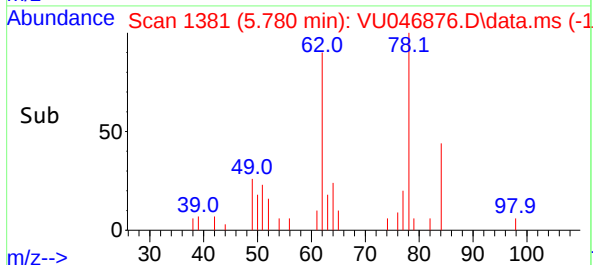
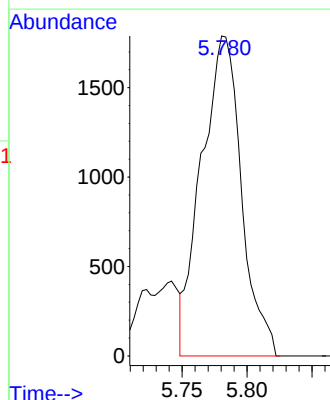
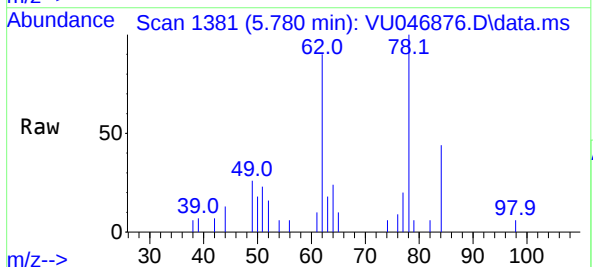
Instrument :
MSVOA_U
ClientSampleId :
C0HK2

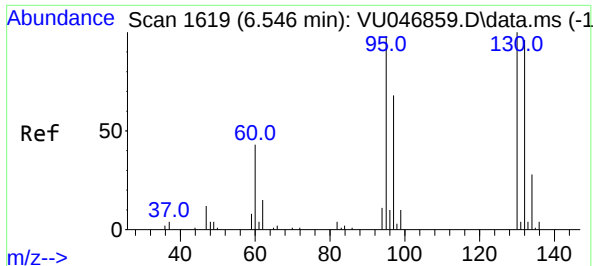
Tgt Ion: 97 Resp: 33587
Ion Ratio Lower Upper
97 100
99 66.2 51.3 76.9
61 44.6 36.1 54.1



#33
Benzene
Concen: 0.148 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU046876.D
Acq: 27 Jan 2022 17:49

Tgt Ion: 78 Resp: 3833



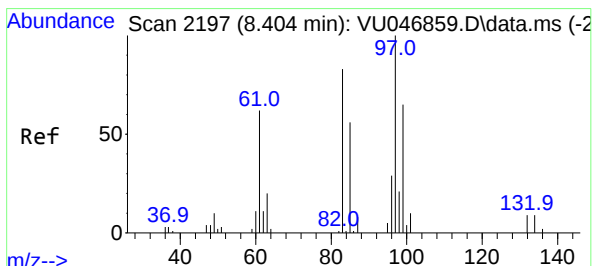
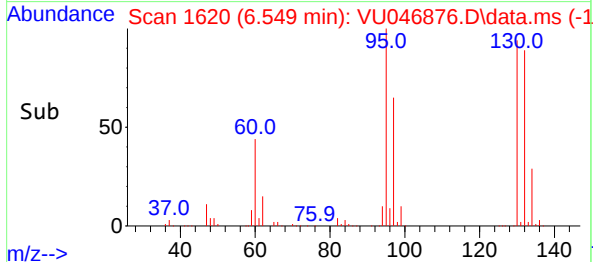
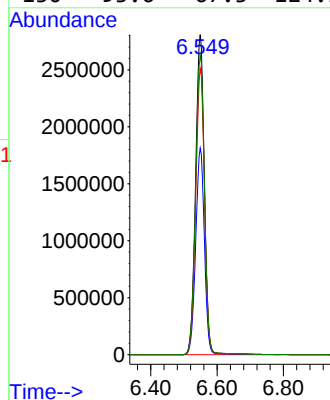
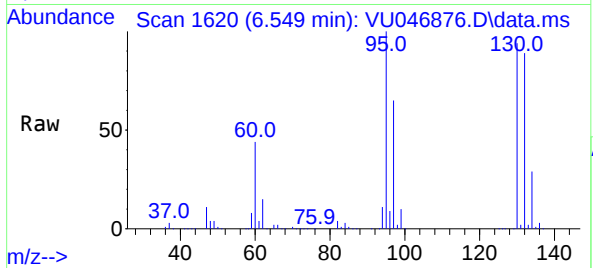


#34
Trichloroethene
Concen: 769.797 ug/L
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU046876.D
Acq: 27 Jan 2022 17:49

Instrument :
MSVOA_U
ClientSampleId :
C0HK2

Tgt Ion: 95 Resp: 5175984

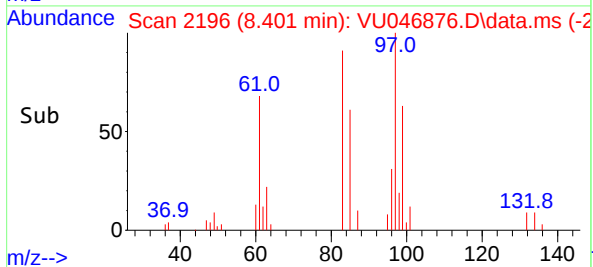
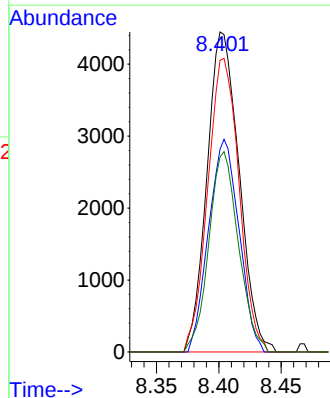
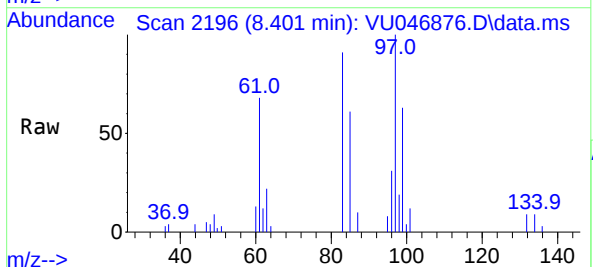
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.5	86.5
132	89.4	65.1	120.9
130	93.6	67.3	124.9

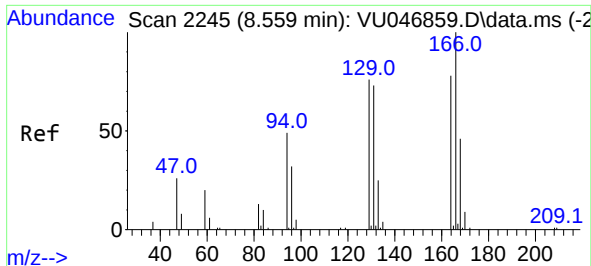


#45
1,1,2-Trichloroethane
Concen: 1.480 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046876.D
Acq: 27 Jan 2022 17:49

Tgt Ion: 97 Resp: 7997

Ion	Ratio	Lower	Upper
97	100		
99	63.4	42.3	78.5
83	91.2	62.0	115.2
85	60.9	40.1	74.5

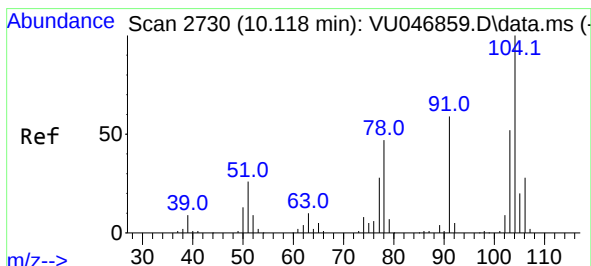
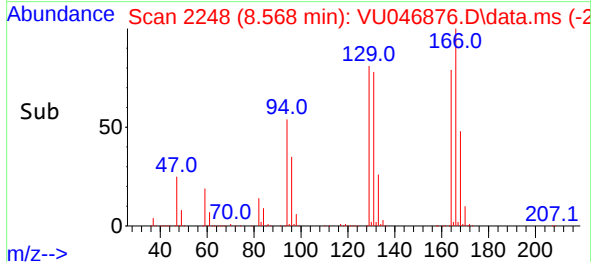
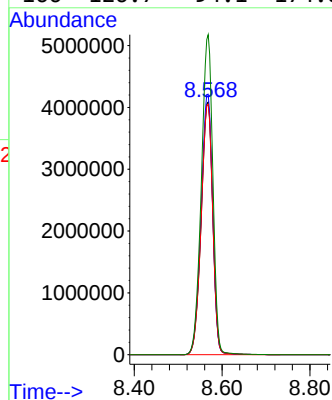
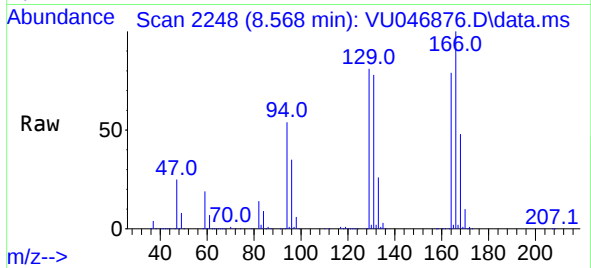




#47
Tetrachloroethene
Concen: 1365.560 ug/L
RT: 8.568 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU046876.D
Acq: 27 Jan 2022 17:49

Instrument :
MSVOA_U
ClientSampleId :
C0HK2

Tgt Ion:164 Resp: 7467599
Ion Ratio Lower Upper
164 100
129 103.1 71.8 133.4
131 99.1 68.5 127.3
166 126.7 94.1 174.8



#55
Styrene
Concen: 0.091 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU046876.D
Acq: 27 Jan 2022 17:49

Tgt Ion:104 Resp: 1690
Ion Ratio Lower Upper
104 100
78 51.8 33.0 61.4

