

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023896.D
 Acq On : 10 Dec 2021 19:03
 Operator : SY/MD
 Sample : M4984-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 04:47:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103507	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	109041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55282	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	25868	4.649	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.568	69	23307	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.108	63	35935	3.308	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	3.912	46	60358	55.521	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.040%
24) Chloroform-d	4.349	84	60059	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.037	65	29818	5.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.050	84	102301	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.072	67	33400	5.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.317	98	82318	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.625	79	11601	4.292	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.092	63	58679	48.491	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25982	4.807	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	38087	5.158	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	687	0.089	ug/L	86
8) Chloroethane	1.584	64	6640	1.222	ug/L #	57
12) 1,1-Dichloroethene	2.118	96	3279	0.472	ug/L #	1
13) Acetone	2.201	43	999	1.149	ug/L	90
17) Methyl tert-butyl Ether	2.774	73	2531	0.161	ug/L #	70
18) trans-1,2-Dichloroethene	2.764	96	1472	0.191	ug/L	78
19) 1,1-Dichloroethane	3.192	63	39941	2.895	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	10380	1.276	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	246721	17.294	ug/L	100
31) Carbon tetrachloride	4.606	117	31709	2.365	ug/L	99
34) Trichloroethene	5.921	95	6014	0.691	ug/L	94
35) Methylcyclohexane	6.072	83	8567	0.669	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	3918	0.534	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	871	0.080	ug/L	86
48) 2-Hexanone	8.095	43	6956	2.724	ug/L #	68
61) 1,2,3-Trichloropropane	11.246	75	5601	1.487	ug/L #	61

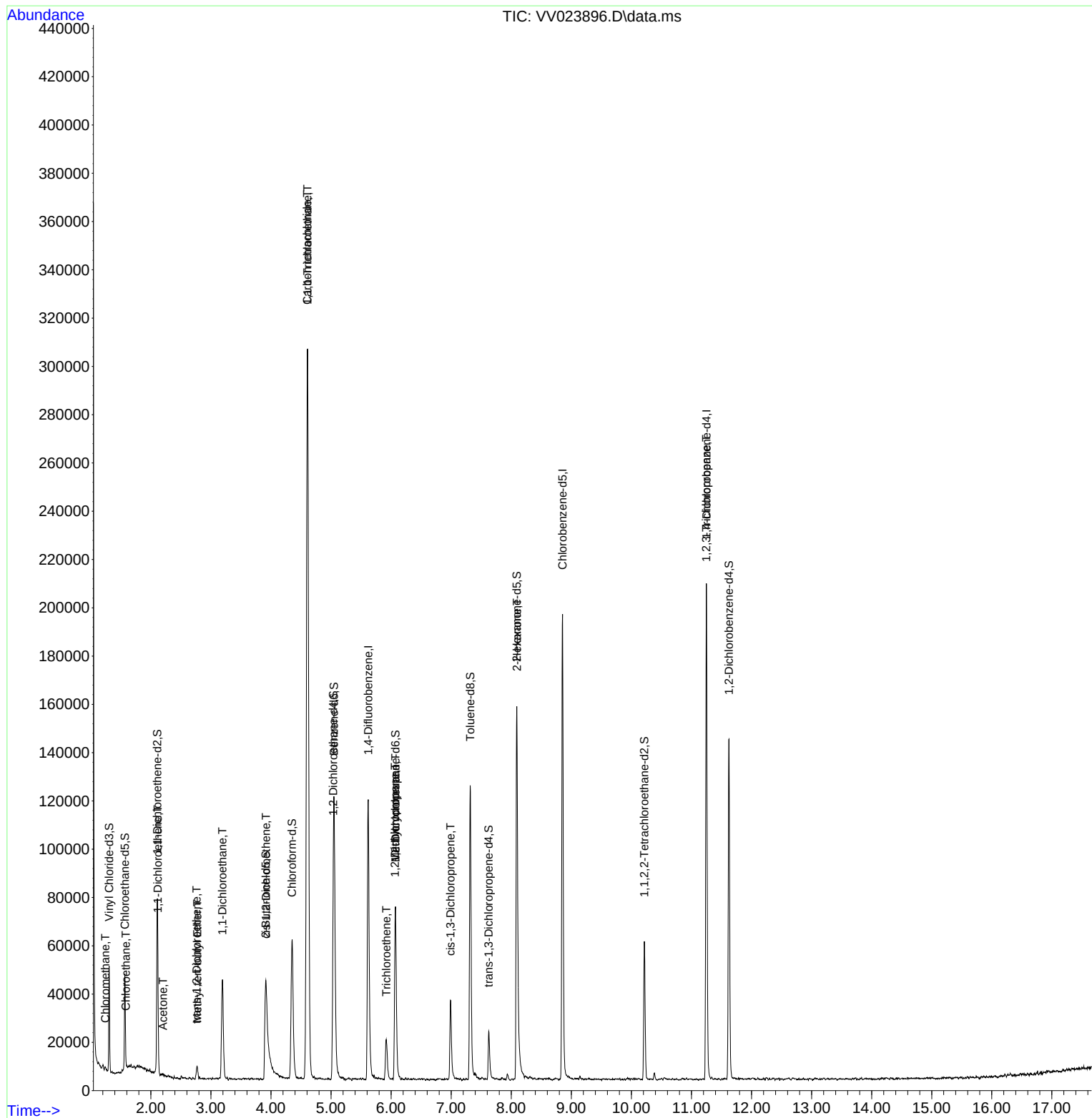
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_V
ClientSampleId :

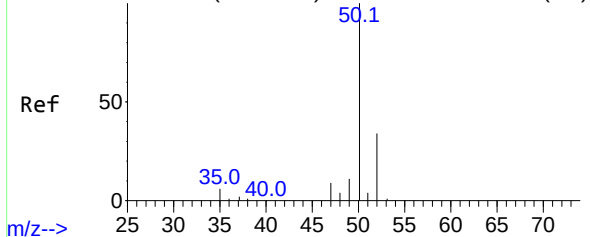
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121021\
Data File : VV023896.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV023880.D\data.ms (-54)



#3

Chloromethane

Concen: 0.089 ug/L

RT: 1.243 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV023896.D

Acq: 10 Dec 2021 19:03

Instrument :

MSVOA_V

ClientSampleId :

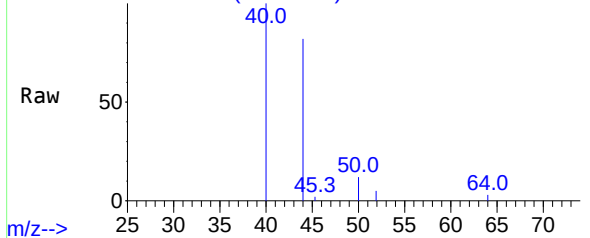
Tgt Ion: 50 Resp: 687

Ion Ratio Lower Upper

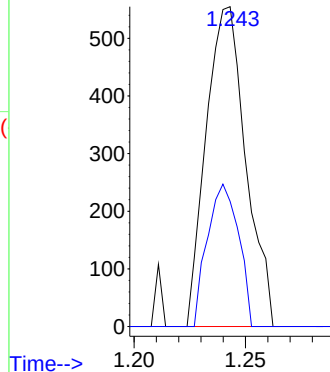
50 100

52 39.1 22.0 41.0

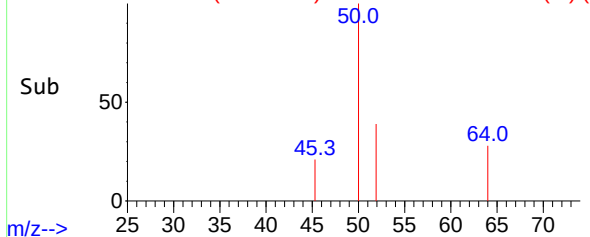
Abundance Scan 63 (1.243 min): VV023896.D\data.ms



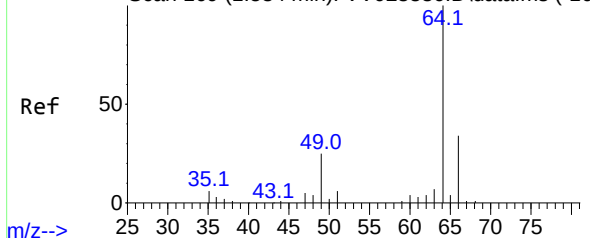
Abundance



Abundance Scan 63 (1.243 min): VV023896.D\data.ms (-1)



Abundance Scan 169 (1.584 min): VV023880.D\data.ms (-16)



#8

Chloroethane

Concen: 1.222 ug/L

RT: 1.584 min Scan# 169

Delta R.T. 0.000 min

Lab File: VV023896.D

Acq: 10 Dec 2021 19:03

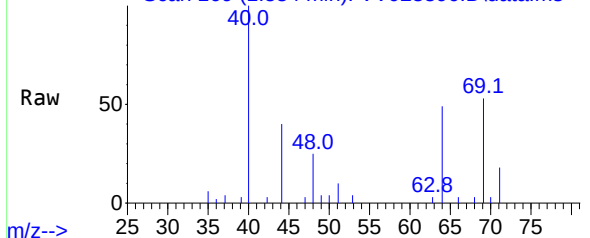
Tgt Ion: 64 Resp: 6640

Ion Ratio Lower Upper

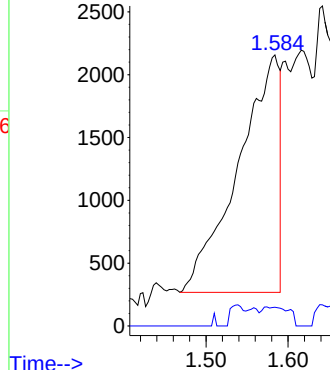
64 100

66 7.0 21.4 39.8#

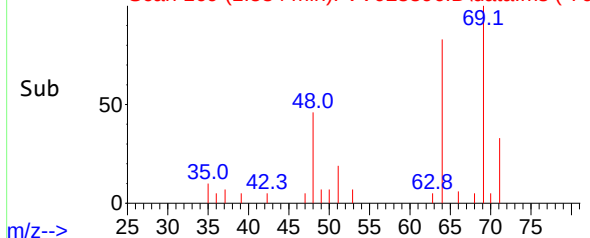
Abundance Scan 169 (1.584 min): VV023896.D\data.ms

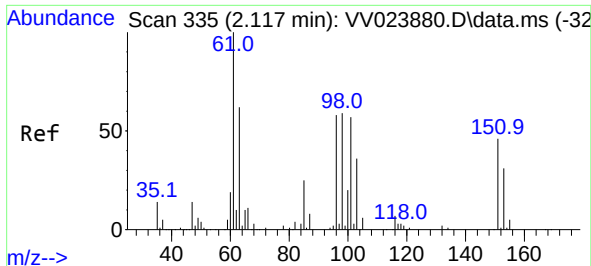


Abundance



Abundance Scan 169 (1.584 min): VV023896.D\data.ms (-76)





#12

1,1-Dichloroethene

Concen: 0.472 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023896.D

Acq: 10 Dec 2021 19:03

Instrument :

MSVOA_V

ClientSampleId :

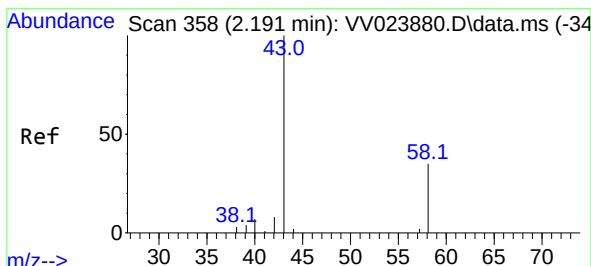
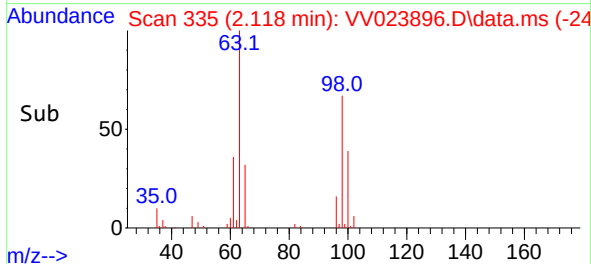
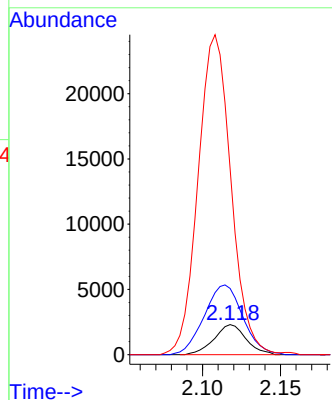
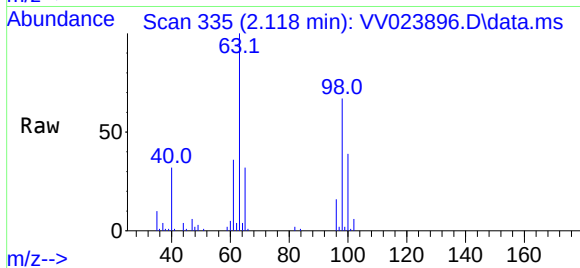
Tgt Ion: 96 Resp: 3279

Ion Ratio Lower Upper

96 100

61 220.5 116.1 215.5#

63 619.6 79.4 147.4#



#13

Acetone

Concen: 1.149 ug/L

RT: 2.201 min Scan# 361

Delta R.T. 0.010 min

Lab File: VV023896.D

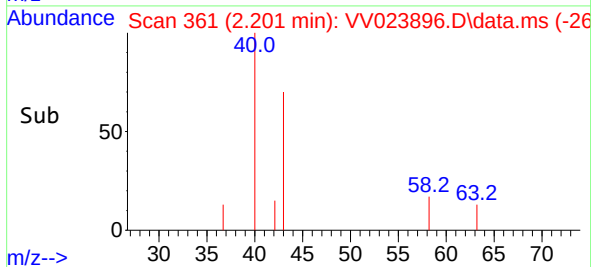
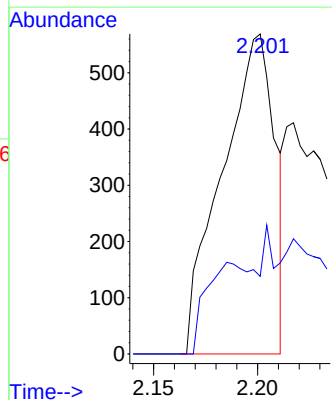
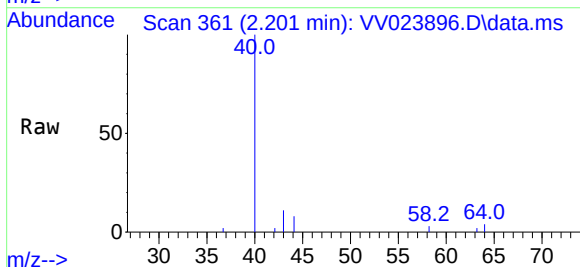
Acq: 10 Dec 2021 19:03

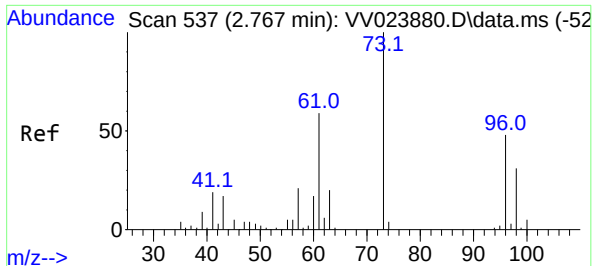
Tgt Ion: 43 Resp: 999

Ion Ratio Lower Upper

43 100

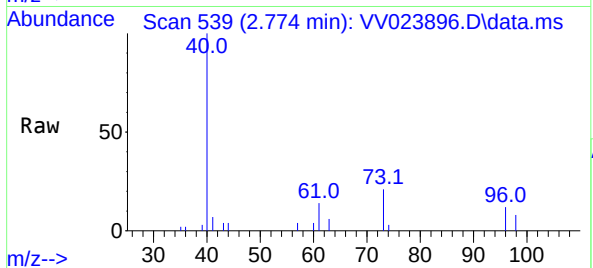
58 16.0 0.0 41.4



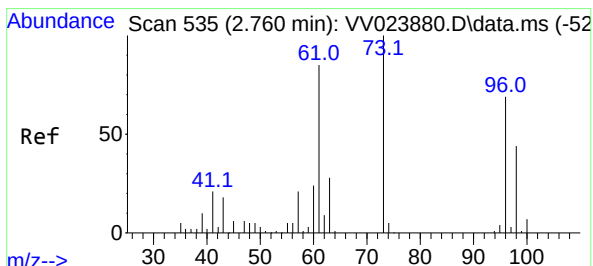
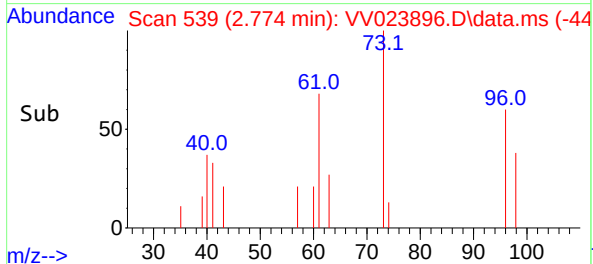
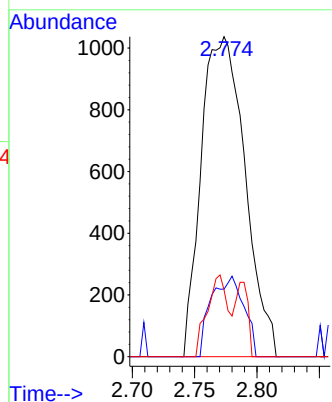


#17
Methyl tert-butyl Ether
Concen: 0.161 ug/L
RT: 2.774 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV023896.D
Acq: 10 Dec 2021 19:03

Instrument :
MSVOA_V
ClientSampleId :

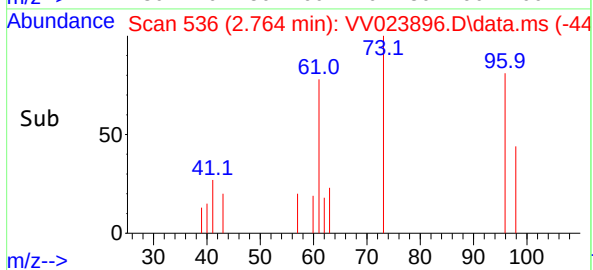
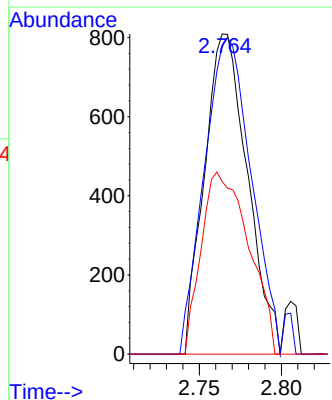
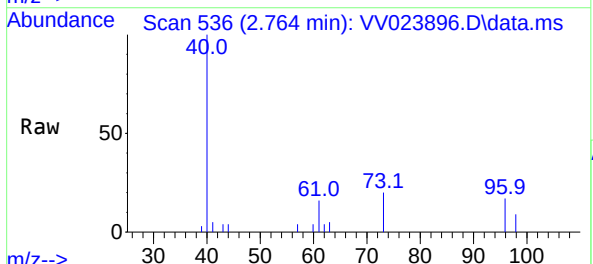


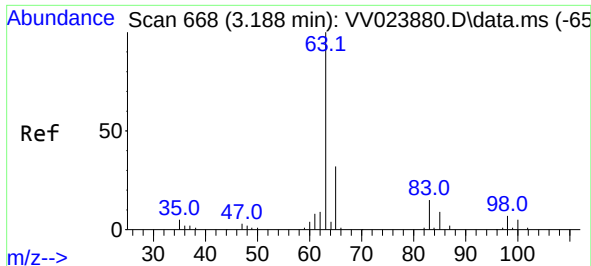
Tgt Ion: 73 Resp: 2531
Ion Ratio Lower Upper
73 100
43 0.8 15.5 23.3#
57 12.1 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 0.191 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023896.D
Acq: 10 Dec 2021 19:03

Tgt Ion: 96 Resp: 1472
Ion Ratio Lower Upper
96 100
61 96.4 88.2 163.8
98 53.9 44.9 83.5

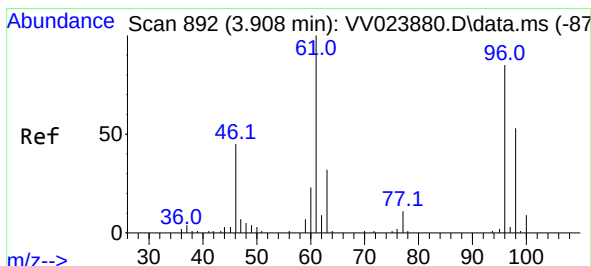
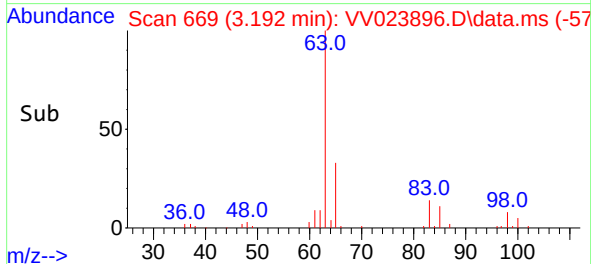
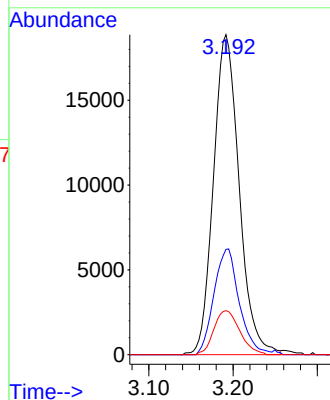
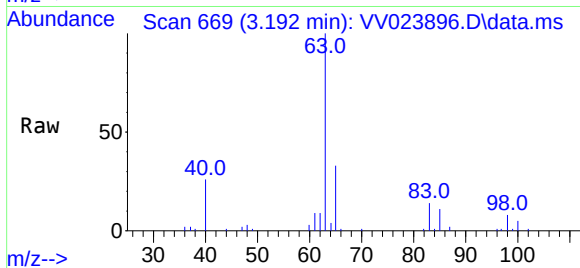




#19
1,1-Dichloroethane
Concen: 2.895 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023896.D
Acq: 10 Dec 2021 19:03

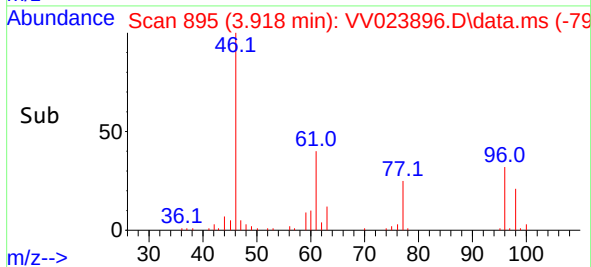
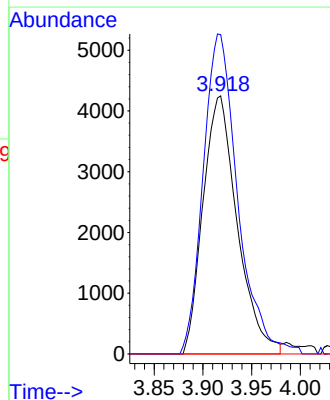
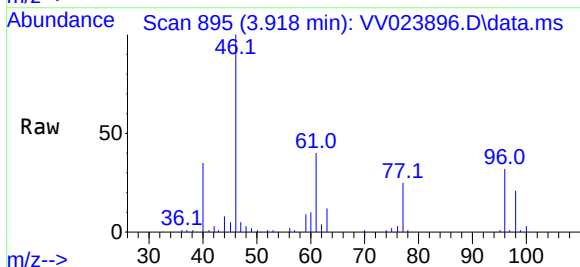
Instrument :
MSVOA_V
ClientSampleId :

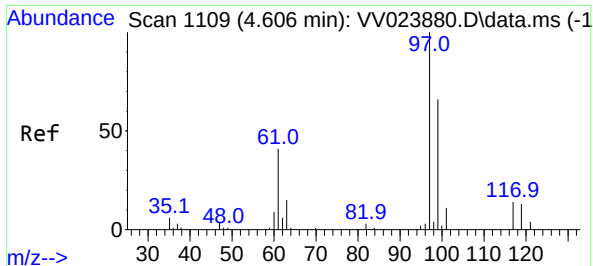
Tgt Ion: 63 Resp: 39941
Ion Ratio Lower Upper
63 100
65 32.9 22.3 41.3
83 13.8 10.7 19.9



#22
cis-1,2-Dichloroethene
Concen: 1.276 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV023896.D
Acq: 10 Dec 2021 19:03

Tgt Ion: 96 Resp: 10380
Ion Ratio Lower Upper
96 100
61 123.7 83.4 154.8
68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 17.294 ug/L

RT: 4.609 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023896.D

Acq: 10 Dec 2021 19:03

Instrument :

MSVOA_V

ClientSampleId :

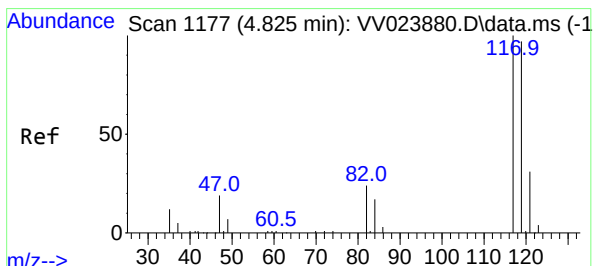
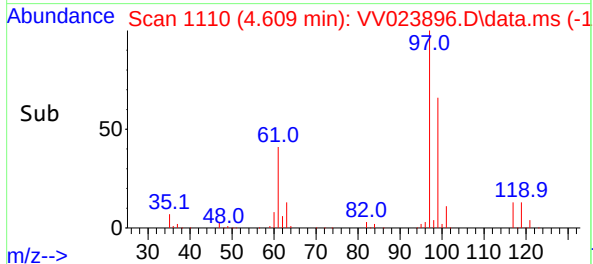
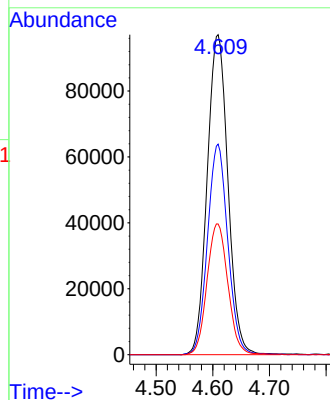
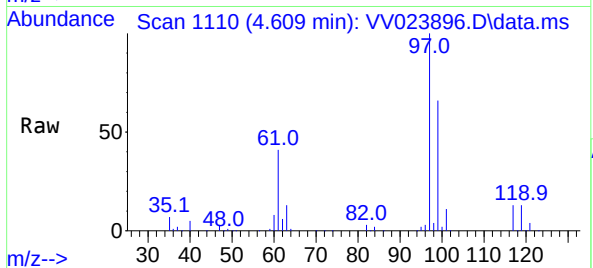
Tgt Ion: 97 Resp: 246721

Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 41.2 33.2 49.8



#31

Carbon tetrachloride

Concen: 2.365 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.218 min

Lab File: VV023896.D

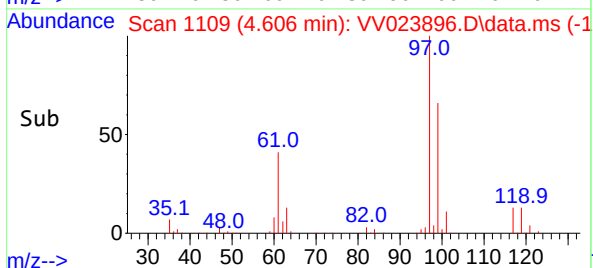
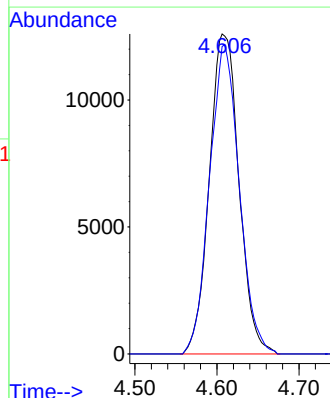
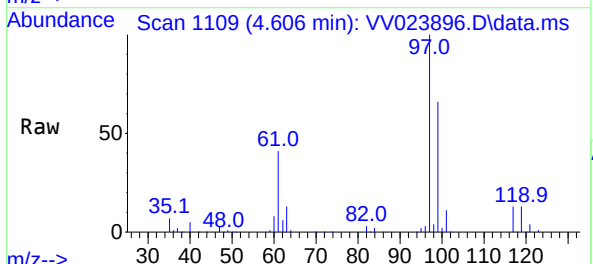
Acq: 10 Dec 2021 19:03

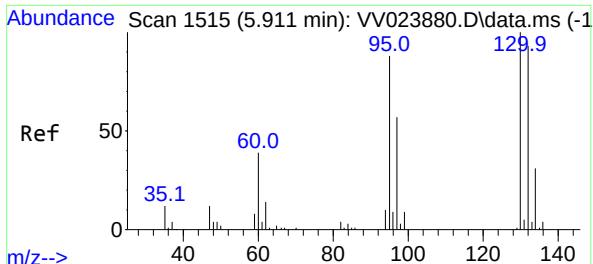
Tgt Ion:117 Resp: 31709

Ion Ratio Lower Upper

117 100

119 96.8 76.6 114.8





#34

Trichloroethene

Concen: 0.691 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV023896.D

Acq: 10 Dec 2021 19:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 6014

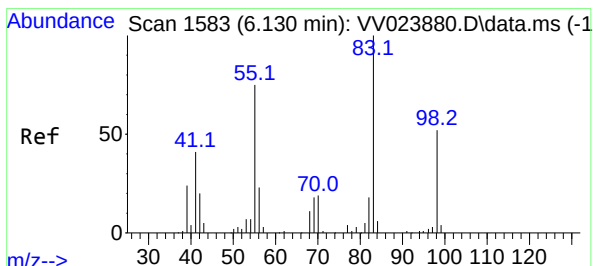
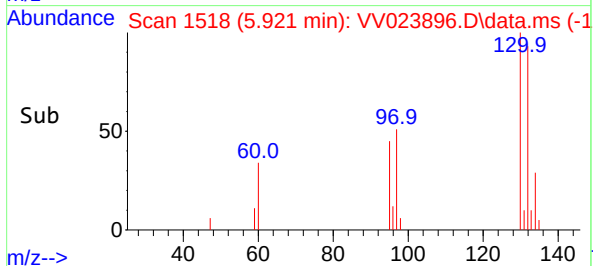
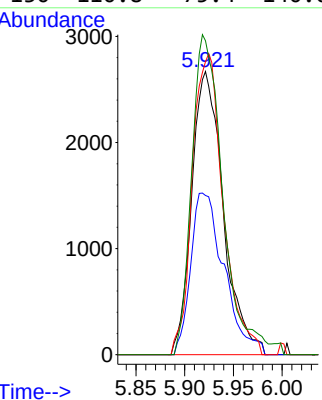
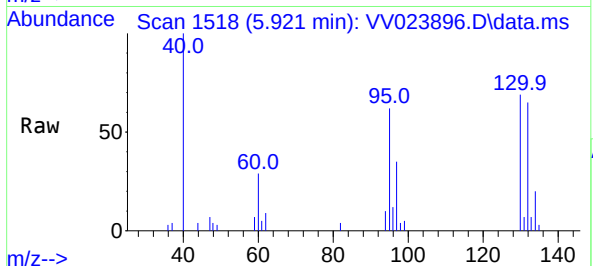
Ion Ratio Lower Upper

95 100

97 56.2 45.2 84.0

132 103.4 76.1 141.3

130 110.8 75.4 140.0



#35

Methylcyclohexane

Concen: 0.669 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023896.D

Acq: 10 Dec 2021 19:03

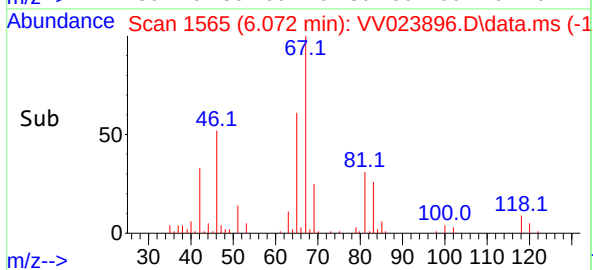
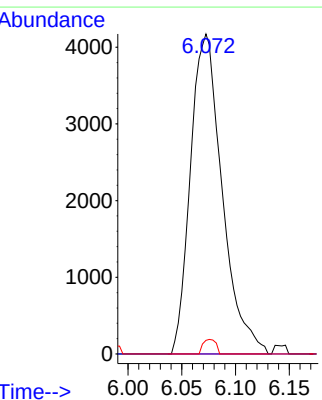
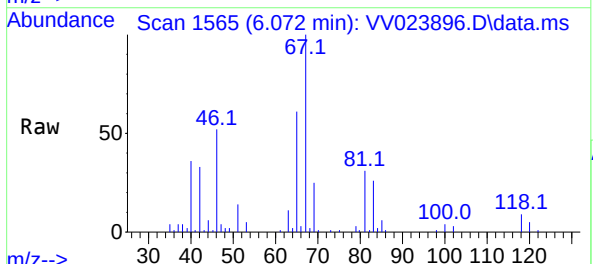
Tgt Ion: 83 Resp: 8567

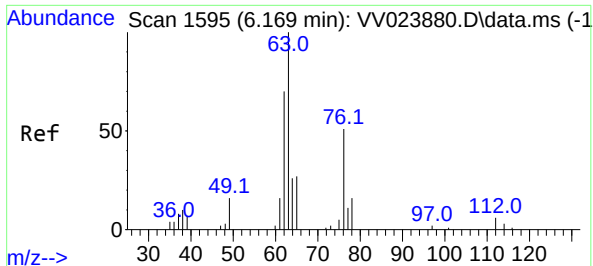
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 1.9 41.0 61.4#

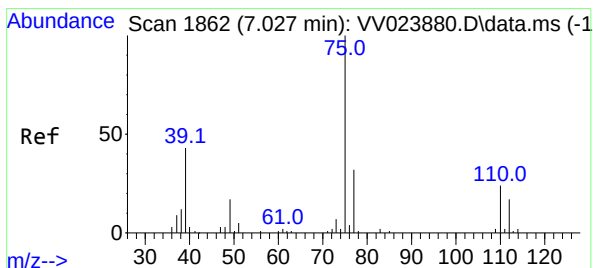
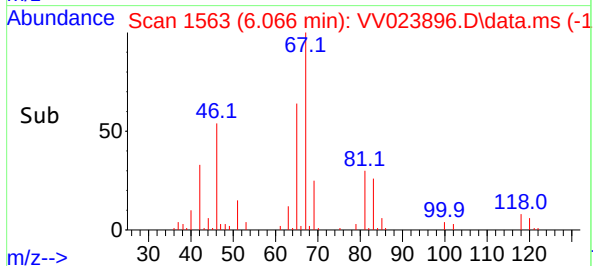
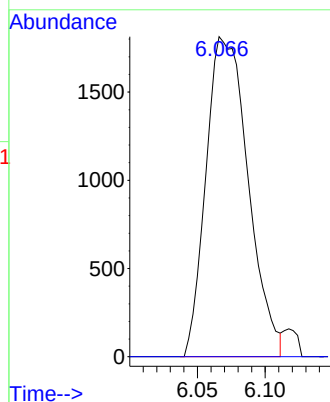
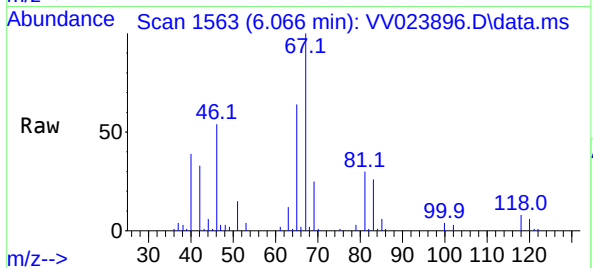




#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV023896.D
Acq: 10 Dec 2021 19:03

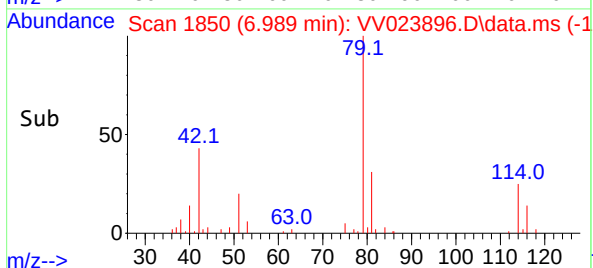
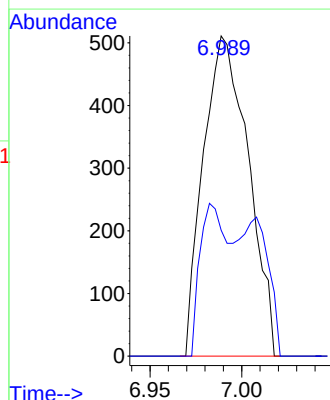
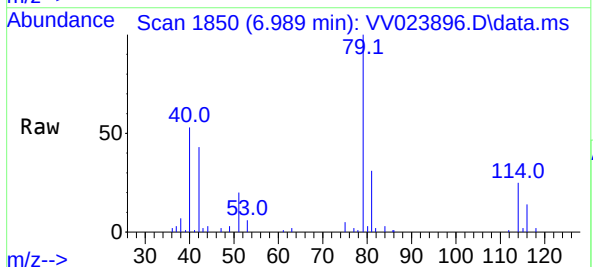
Instrument :
MSVOA_V
ClientSampleId :

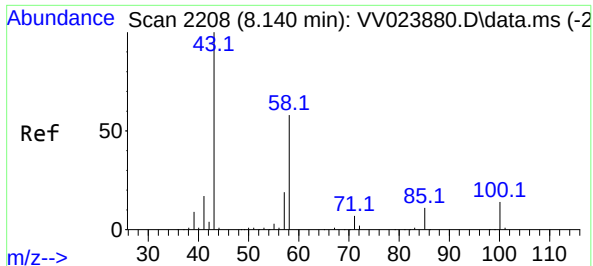
Tgt Ion: 63 Resp: 3918
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#39
cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV023896.D
Acq: 10 Dec 2021 19:03

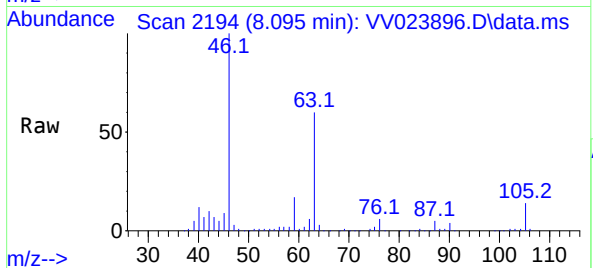
Tgt Ion: 75 Resp: 871
Ion Ratio Lower Upper
75 100
77 39.3 22.0 41.0



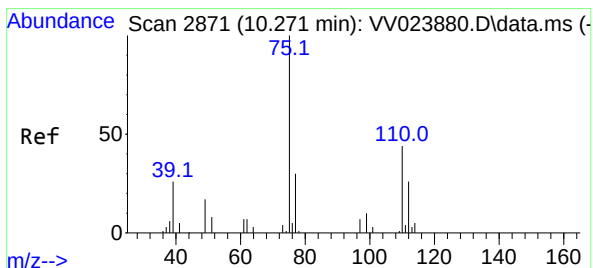
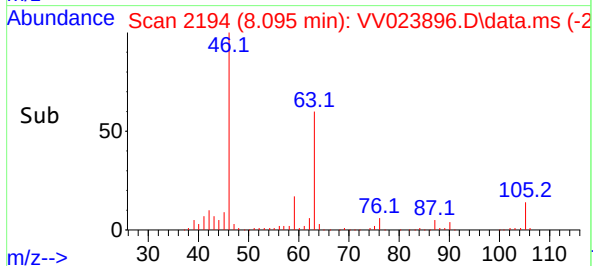
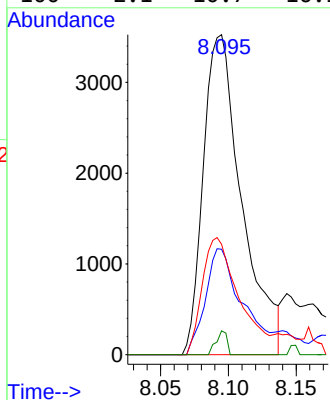


#48
2-Hexanone
Concen: 2.724 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.045 min
Lab File: VV023896.D
Acq: 10 Dec 2021 19:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp: 6956
Ion Ratio	Lower Upper
43	100
58	32.1 44.5 66.7#
57	34.8 15.1 22.7#
100	2.1 10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 1.487 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV023896.D
Acq: 10 Dec 2021 19:03

Tgt Ion: 75	Resp: 5601
Ion Ratio	Lower Upper
75	100
77	37.2 26.4 39.6
110	2.1 34.2 51.2#

