

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023607.D
 Acq On : 18 Nov 2021 16:23
 Operator : SY/MD
 Sample : M4694-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 02:14:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121247	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	119146	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39025	5.138	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.800%	
7) Chloroethane-d5	1.568	69	31245	5.047	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.108	63	53491	3.762	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	3.905	46	44826	34.255	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.520%	
24) Chloroform-d	4.349	84	70425	4.351	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.034	65	35027	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.050	84	138230	4.522	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.072	67	40771	4.531	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.317	98	120702	4.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	7.625	79	14121	4.138	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.095	63	53750	42.812	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.620%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28051	4.334	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	45497	5.007	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	121839	12.136	ug/L	100
8) Chloroethane	1.587	64	2799	0.483	ug/L #	70
12) 1,1-Dichloroethene	2.114	96	435	0.060	ug/L #	1
13) Acetone	2.195	43	3231	4.041	ug/L	80
17) Methyl tert-butyl Ether	2.767	73	29825	1.874	ug/L #	89
18) trans-1,2-Dichloroethene	2.760	96	58471	6.578	ug/L	98
19) 1,1-Dichloroethane	3.191	63	26706	1.780	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	21776	2.546	ug/L #	91
30) Cyclohexane	4.683	56	1296	0.100	ug/L	95
33) Benzene	5.108	78	24282	0.729	ug/L	100
34) Trichloroethene	5.934	95	476	0.054	ug/L	93
35) Methylcyclohexane	6.069	83	9792	0.701	ug/L #	18
39) cis-1,3-Dichloropropene	6.985	75	1166	0.104	ug/L #	59
42) Toluene	7.403	91	2989	0.084	ug/L	95
48) 2-Hexanone	8.095	43	5226	2.068	ug/L #	81
61) 1,2,3-Trichloropropane	11.249	75	5509	1.520	ug/L #	64

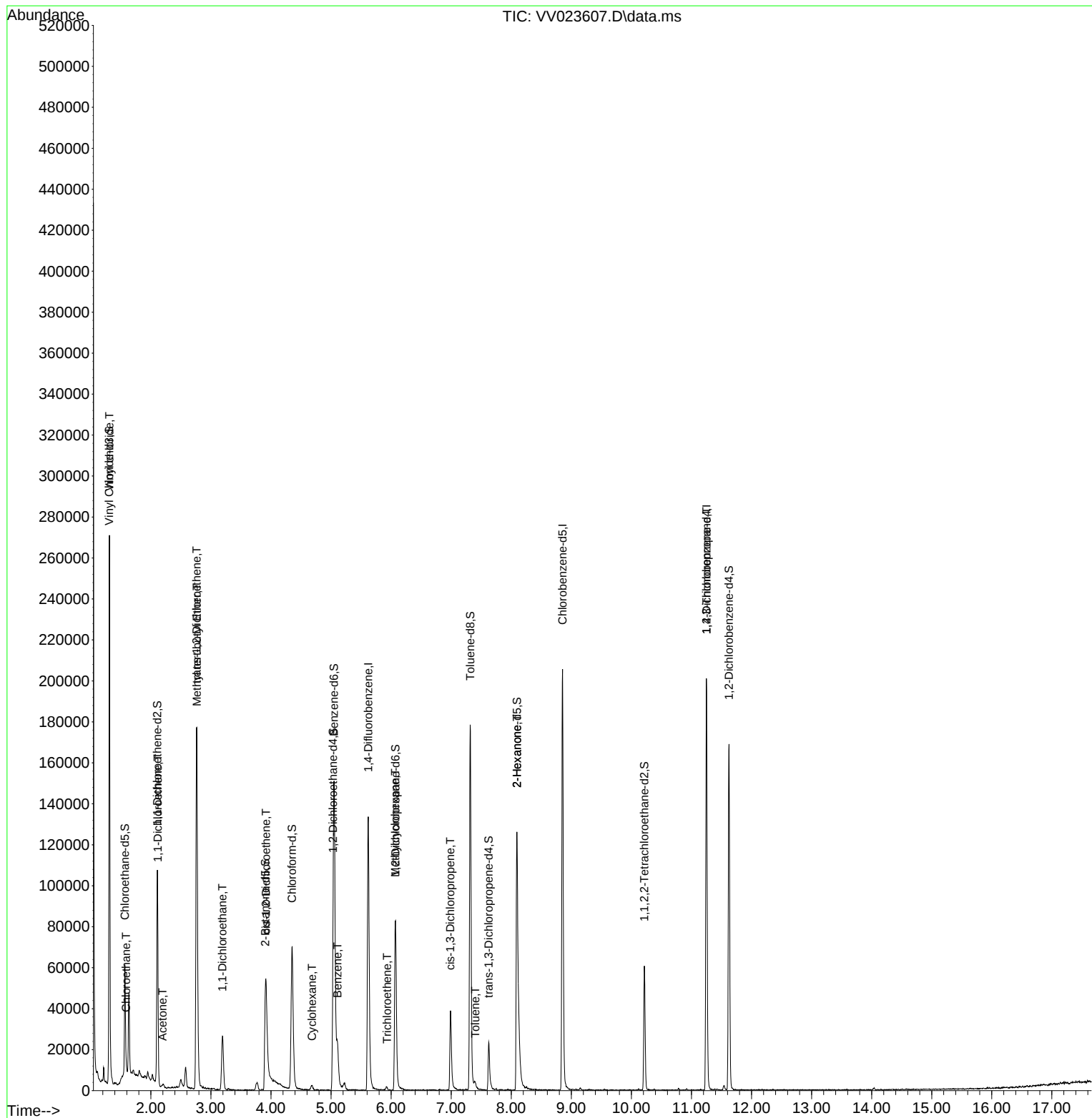
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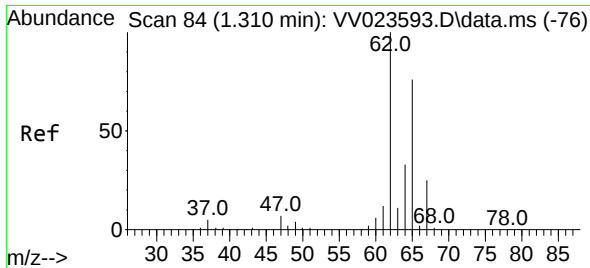
Instrument :
MSVOA_V
ClientSampleId :

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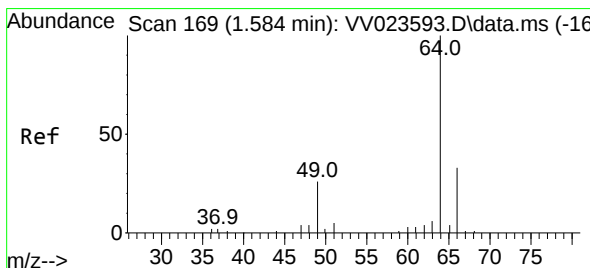
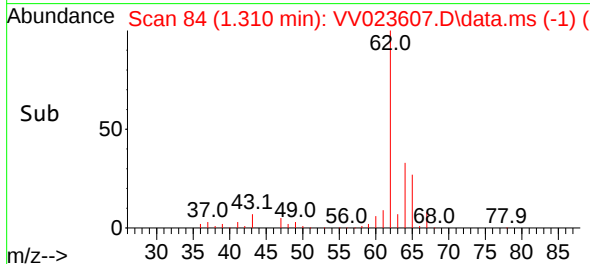
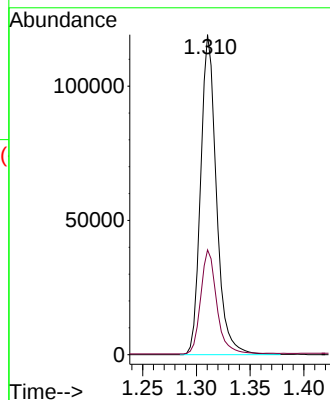
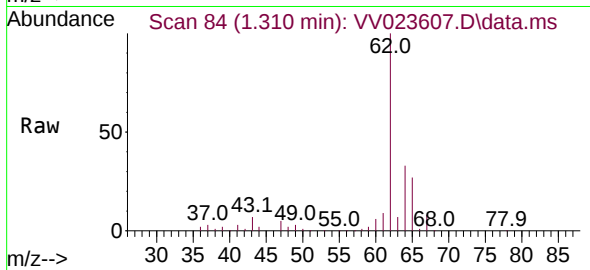




#5
 Vinyl chloride
 Concen: 12.136 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023607.D
 Acq: 18 Nov 2021 16:23

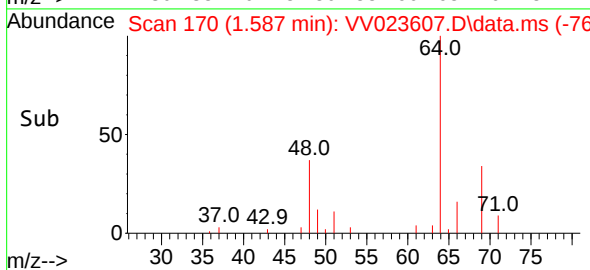
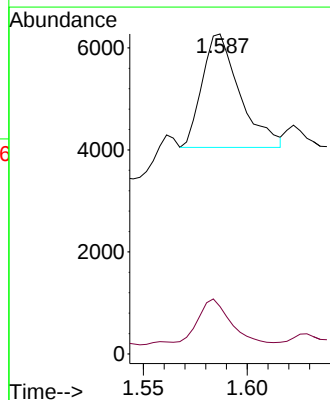
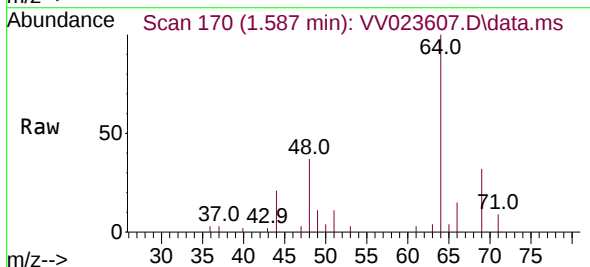
Instrument :
 MSVOA_V
 ClientSampleId :

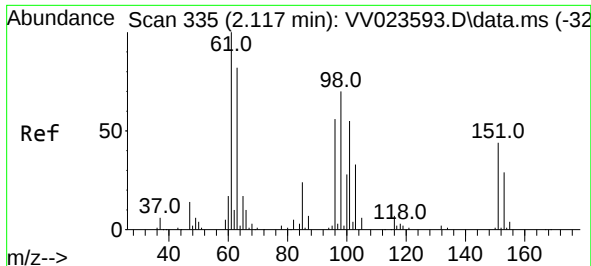
Tgt Ion: 62 Resp: 121839
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#8
 Chloroethane
 Concen: 0.483 ug/L
 RT: 1.587 min Scan# 170
 Delta R.T. 0.003 min
 Lab File: VV023607.D
 Acq: 18 Nov 2021 16:23

Tgt Ion: 64 Resp: 2799
 Ion Ratio Lower Upper
 64 100
 66 14.8 22.1 41.1#





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

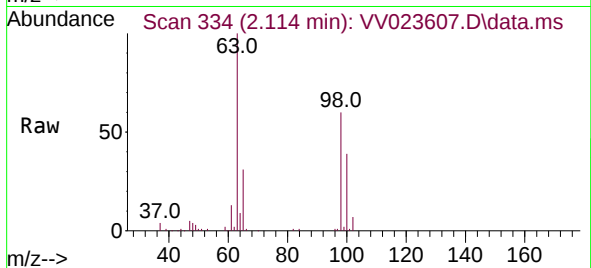
Lab File: VV023607.D

Acq: 18 Nov 2021 16:23

Instrument :

MSVOA_V

ClientSampleId :



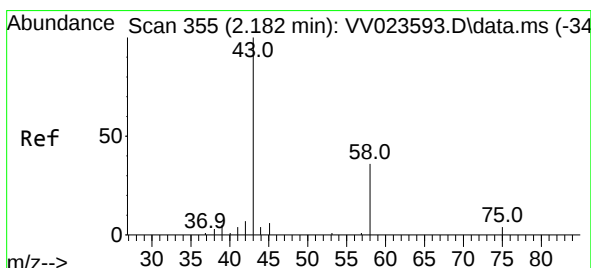
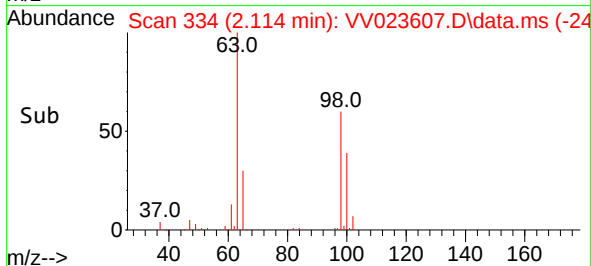
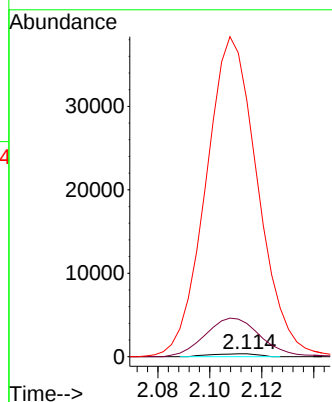
Tgt Ion: 96 Resp: 435

Ion Ratio Lower Upper

96 100

61 1148.6 121.5 225.7#

63 8843.7 99.6 185.0#



#13

Acetone

Concen: 4.041 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.013 min

Lab File: VV023607.D

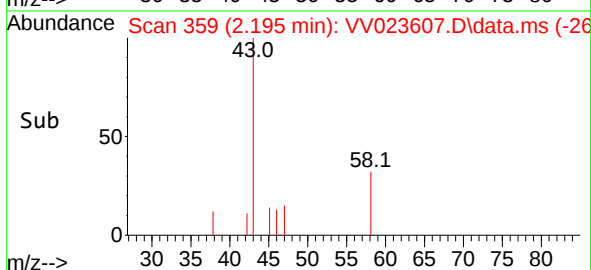
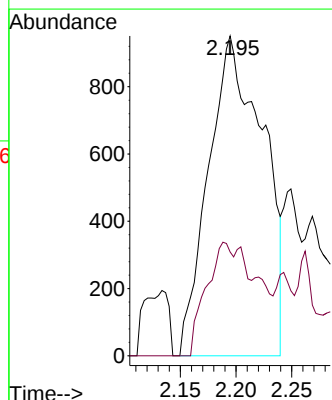
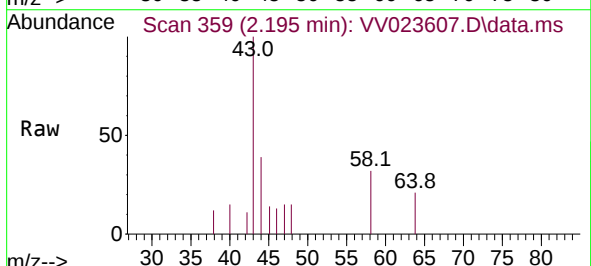
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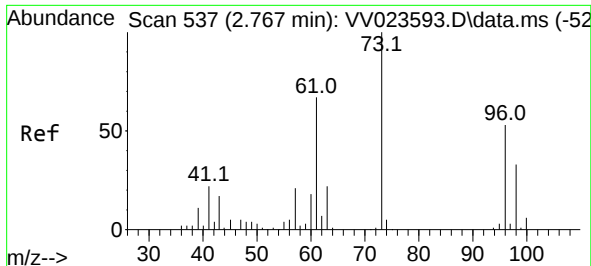
Tgt Ion: 43 Resp: 3231

Ion Ratio Lower Upper

43 100

58 17.4 0.0 55.4

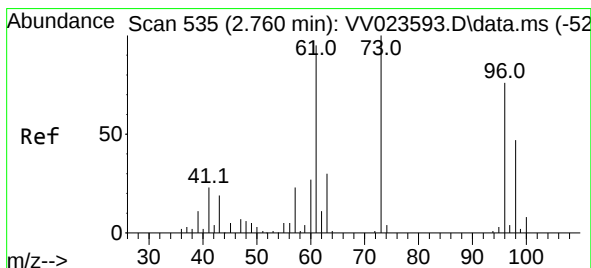
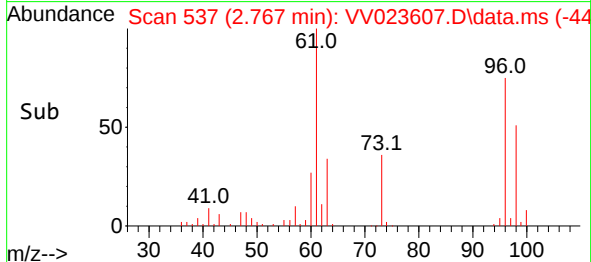
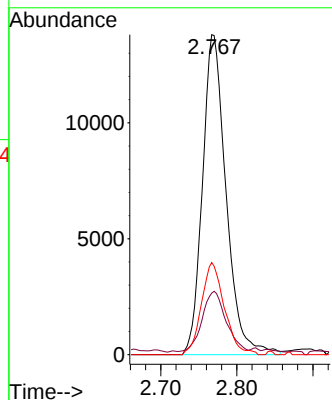
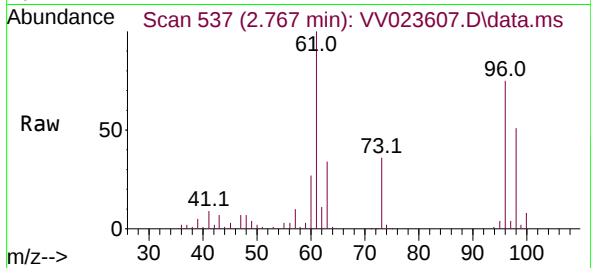




#17
Methyl tert-butyl Ether
Concen: 1.874 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

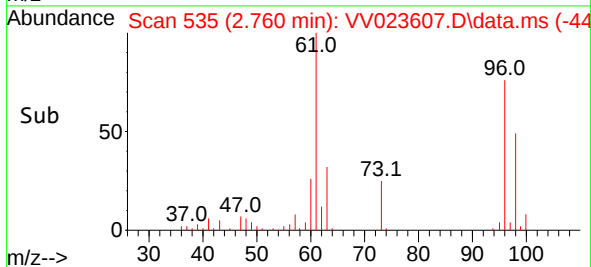
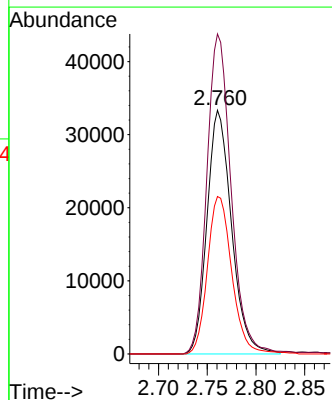
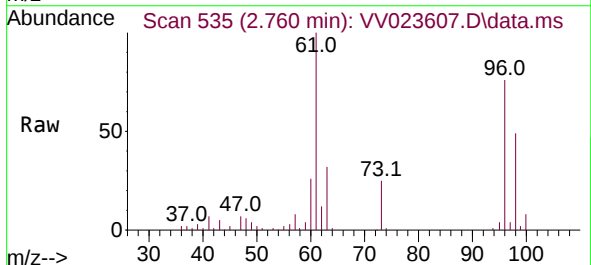
Instrument :
MSVOA_V
ClientSampleId :

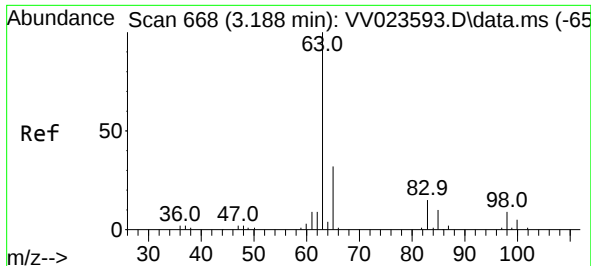
Tgt Ion: 73 Resp: 29825
Ion Ratio Lower Upper
73 100
43 18.8 17.4 26.0
57 28.0 16.5 24.7#



#18
trans-1,2-Dichloroethene
Concen: 6.578 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

Tgt Ion: 96 Resp: 58471
Ion Ratio Lower Upper
96 100
61 131.3 93.2 173.2
98 64.6 47.0 87.2





#19

1,1-Dichloroethane

Concen: 1.780 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023607.D

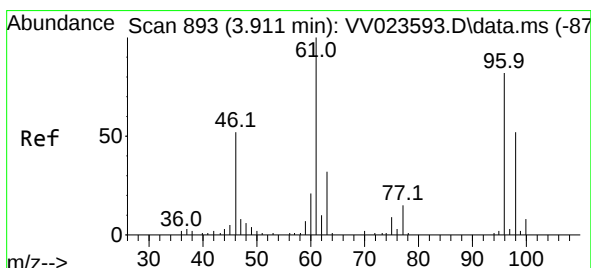
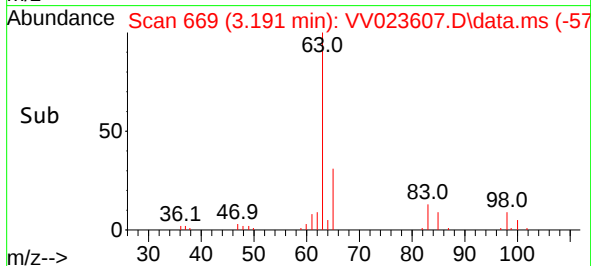
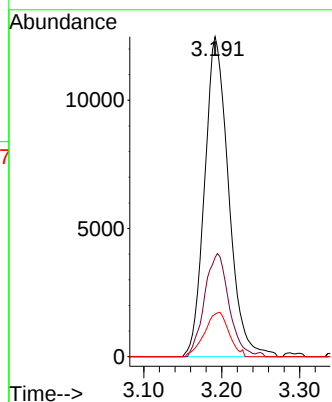
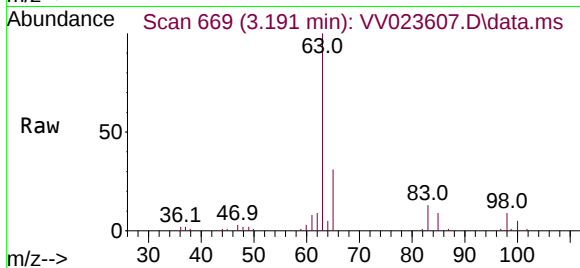
Acq: 18 Nov 2021 16:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 26706
Ion Ratio	Lower Upper
63 100	
65 31.0	22.6 42.0
83 13.2	11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 2.546 ug/L

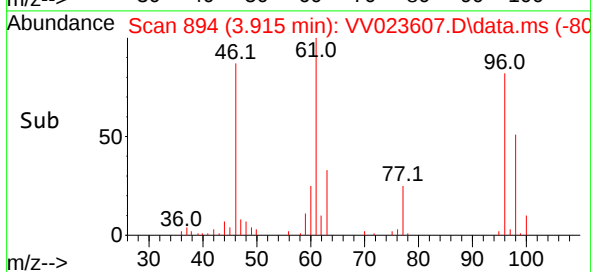
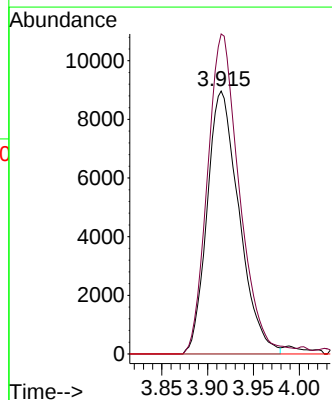
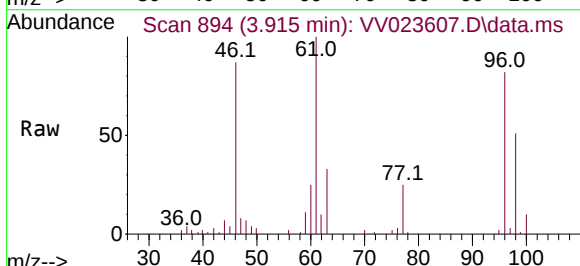
RT: 3.915 min Scan# 894

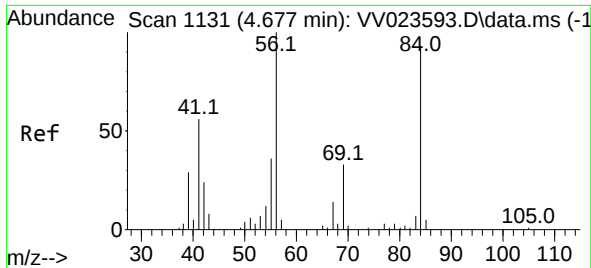
Delta R.T. 0.003 min

Lab File: VV023607.D

Acq: 18 Nov 2021 16:23

Tgt Ion: 96	Resp: 21776
Ion Ratio	Lower Upper
96 100	
61 121.7	92.3 171.3
68 0.0	0.4 0.8

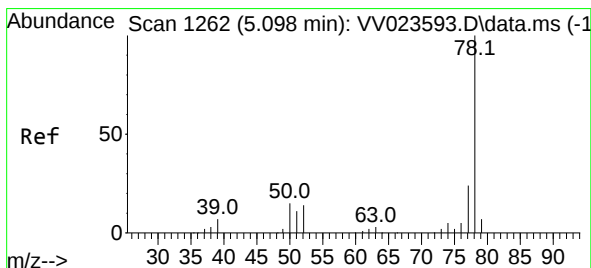
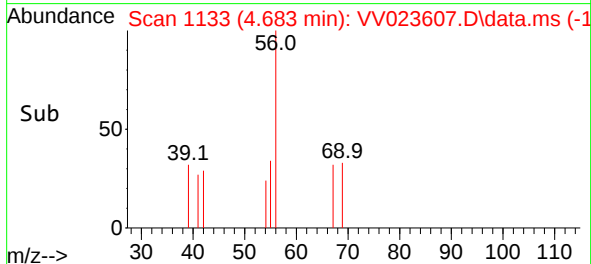
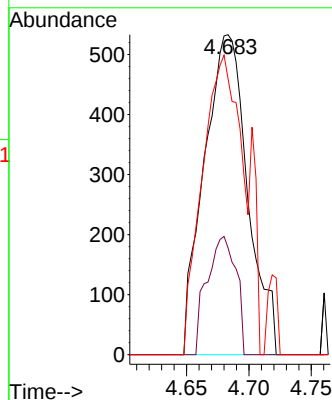
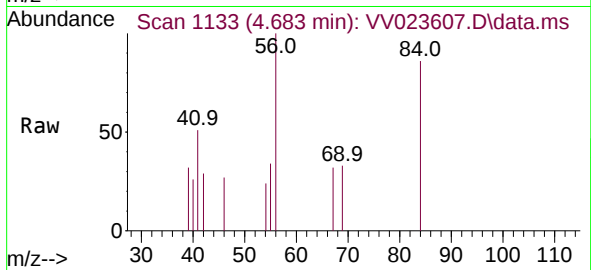




#30
Cyclohexane
Concen: 0.100 ug/L
RT: 4.683 min Scan# 1131
Delta R.T. 0.007 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

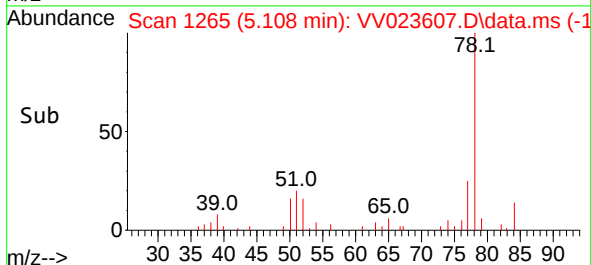
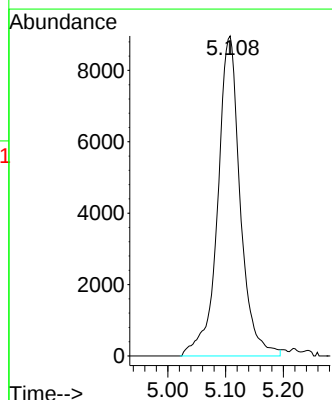
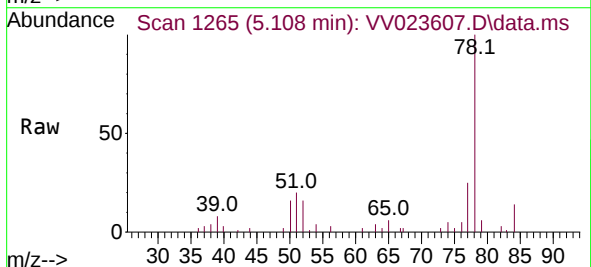
Instrument :
MSVOA_V
ClientSampleId :

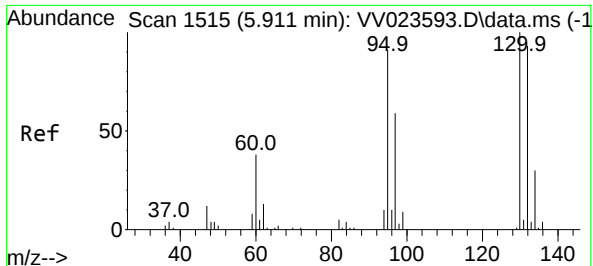
Tgt Ion: 56 Resp: 1296
Ion Ratio Lower Upper
56 100
69 24.5 23.5 35.3
84 92.4 71.6 107.4



#33
Benzene
Concen: 0.729 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

Tgt Ion: 78 Resp: 24282



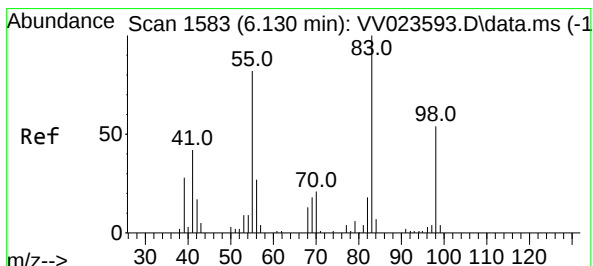
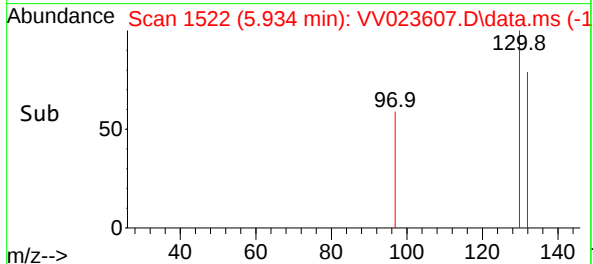
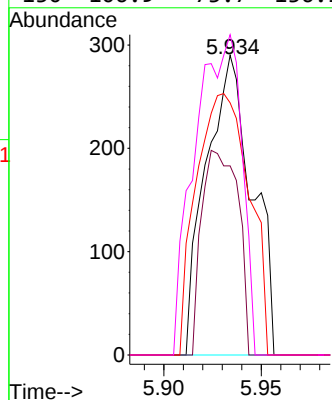
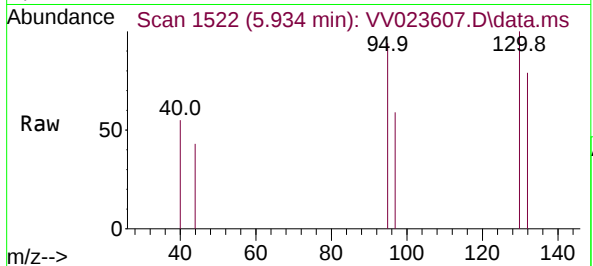


#34
Trichloroethene
Concen: 0.054 ug/L
RT: 5.934 min Scan# 1522
Delta R.T. 0.023 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 476

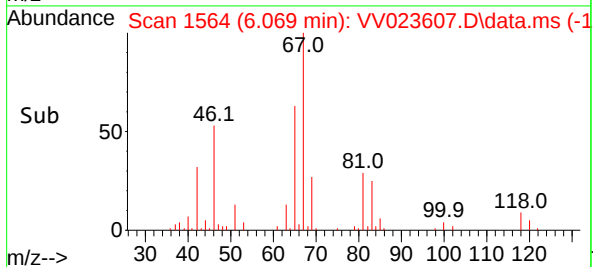
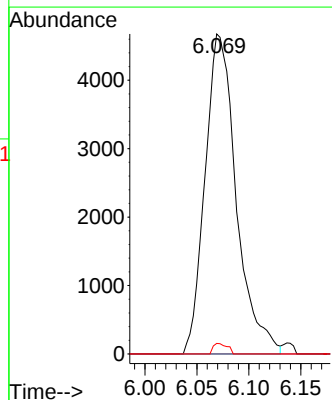
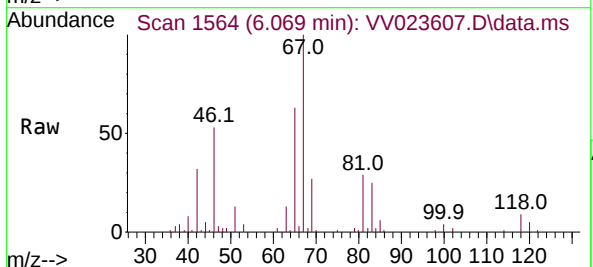
Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.0	83.6
132	84.1	69.7	129.4
130	106.9	73.7	136.9

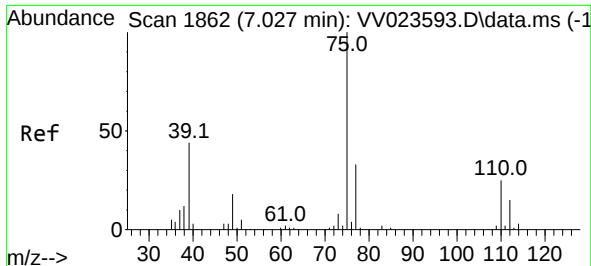


#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

Tgt Ion: 83 Resp: 9792

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	1.5	37.9	56.9#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023607.D

Acq: 18 Nov 2021 16:23

Instrument :

MSVOA_V

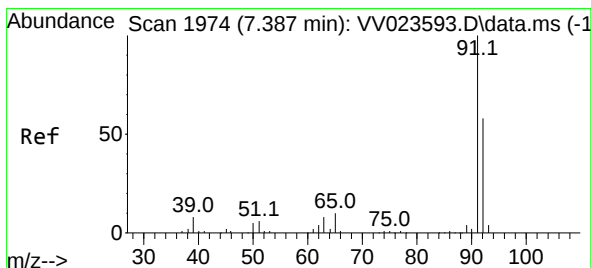
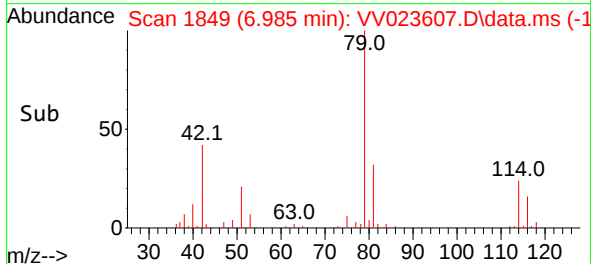
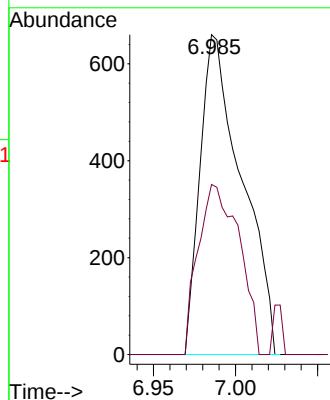
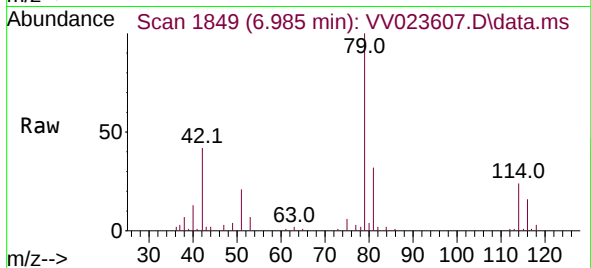
ClientSampleId :

Tgt Ion: 75 Resp: 1166

Ion Ratio Lower Upper

75 100

77 53.2 21.6 40.2#



#42

Toluene

Concen: 0.084 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.016 min

Lab File: VV023607.D

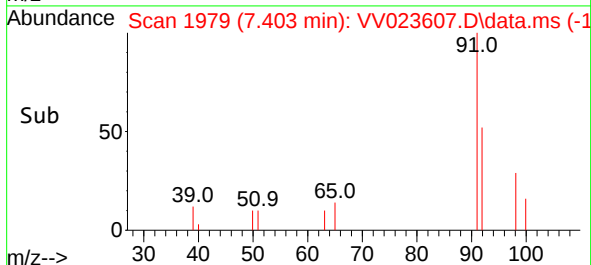
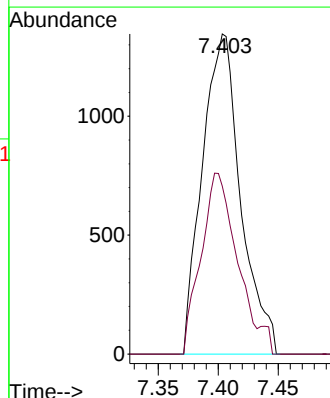
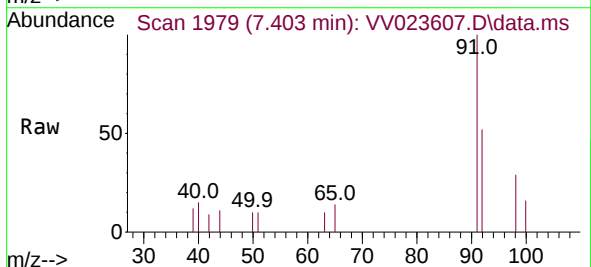
Acq: 18 Nov 2021 16:23

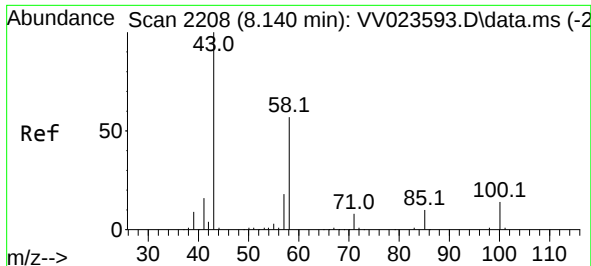
Tgt Ion: 91 Resp: 2989

Ion Ratio Lower Upper

91 100

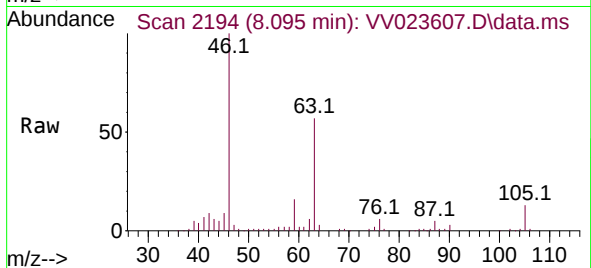
92 52.5 39.3 72.9



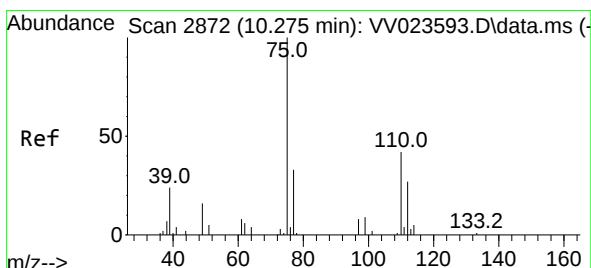
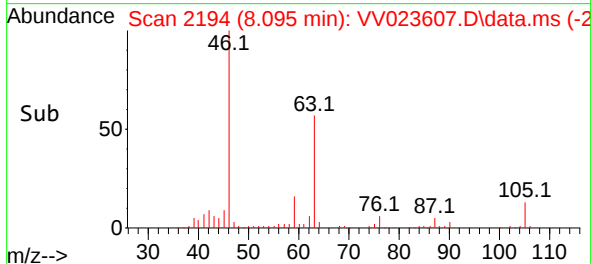
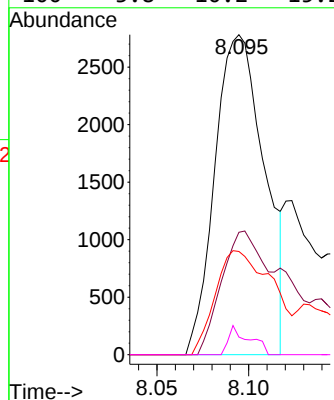


#48
2-Hexanone
Concen: 2.068 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.045 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp: 5226
Ion Ratio	Lower Upper
43 100	
58 48.2	43.7 65.5
57 37.8	14.1 21.1#
100 3.8	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.520 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

Tgt Ion: 75	Resp: 5509		
Ion Ratio	Lower	Upper	
75 100			
77 36.1	26.6	39.8	
110 1.7	31.8	47.6#	

