

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033619.D
 Acq On : 13 Jan 2024 01:04
 Operator : SY/MD
 Sample : P1121-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8L4

Quant Time: Jan 13 01:22:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 00:29:44 2024
 Response via : Initial Calibration

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

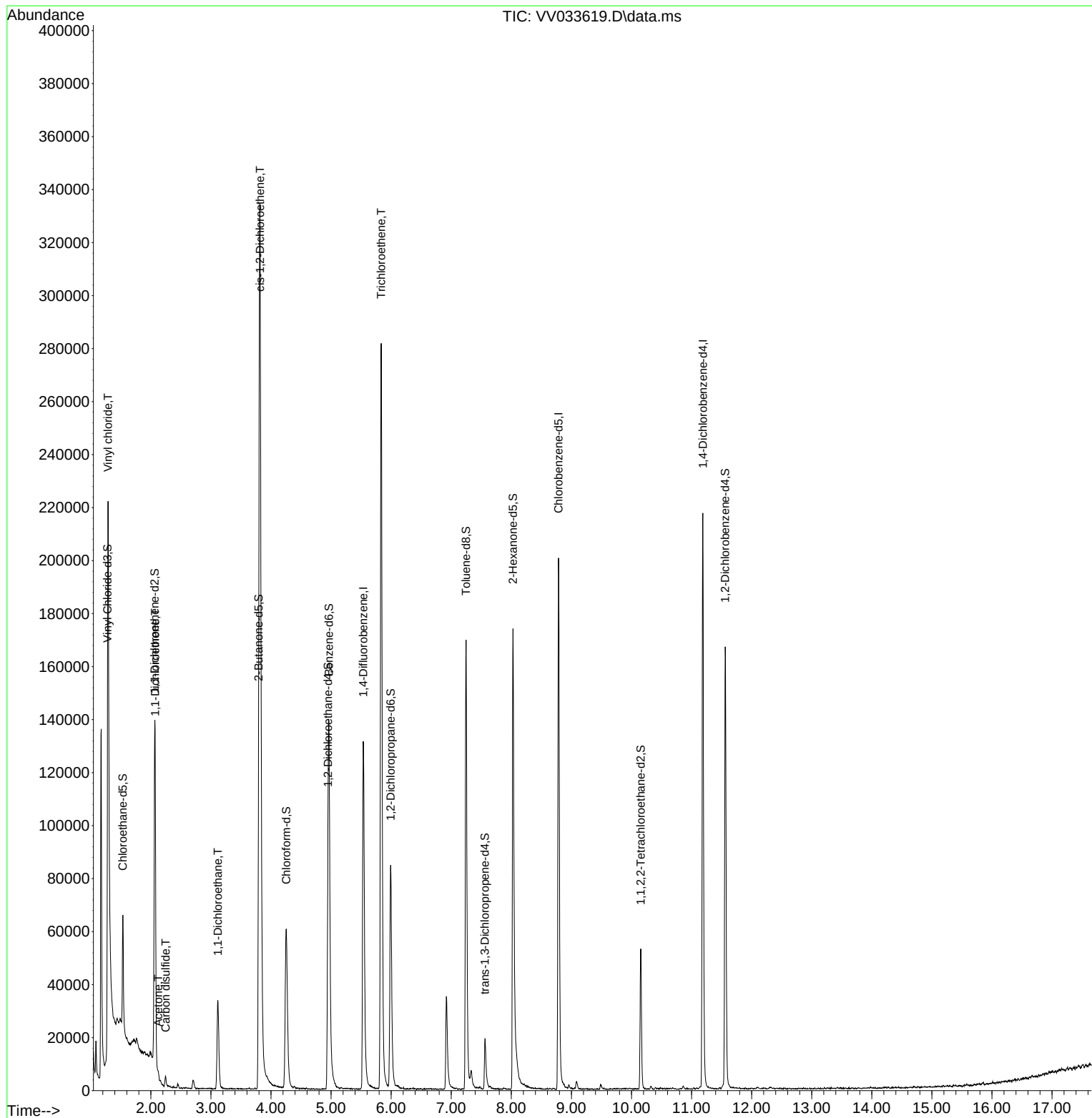
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	115129	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	106155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	54561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31336	4.977	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.600%	
7) Chloroethane-d5	1.532	69	26183	4.689	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.800%	
11) 1,1-Dichloroethene-d2	2.063	65	13559	4.779	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.600%	
20) 2-Butanone-d5	3.793	46	79586	51.704	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.400%	
24) Chloroform-d	4.253	84	65317	4.798	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	4.947	65	32456	5.317	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.400%	
32) Benzene-d6	4.963	84	124602	4.865	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
36) 1,2-Dichloropropane-d6	5.992	67	40921	4.792	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.246	98	112958	4.940	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
43) trans-1,3-Dichloroprop...	7.561	79	12397	4.199	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.027	63	63892	55.122	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.240%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	27306	5.472	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	42035	5.018	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	16055	1.341	ug/L #	1
12) 1,1-Dichloroethene	2.073	96	21253	2.619	ug/L #	84
13) Acetone	2.124	43	3474	2.780	ug/L	84
14) Carbon disulfide	2.246	76	4336	0.144	ug/L	96
19) 1,1-Dichloroethane	3.114	63	34622	1.901	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	168268	17.529	ug/L	96
34) Trichloroethene	5.835	95	101600	10.126	ug/L	97

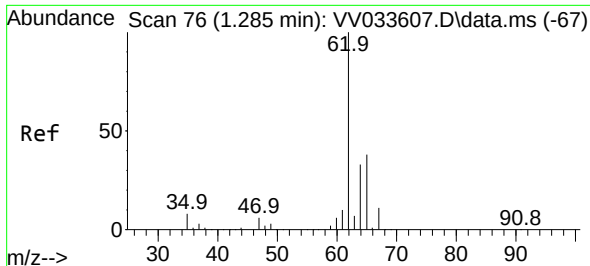
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 01:22:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 13 00:29:44 2024
Response via : Initial Calibration





#5
Vinyl chloride
Concen: 1.341 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV033619.D
Acq: 13 Jan 2024 01:04

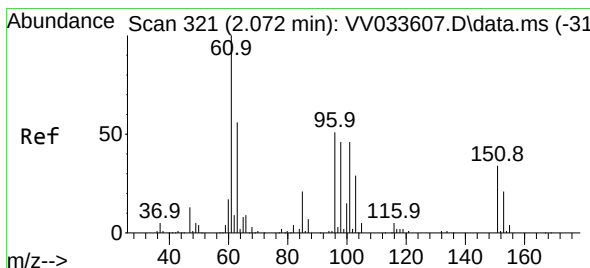
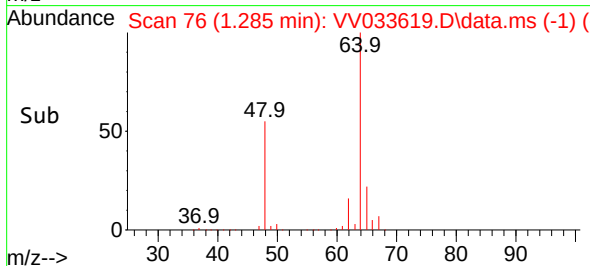
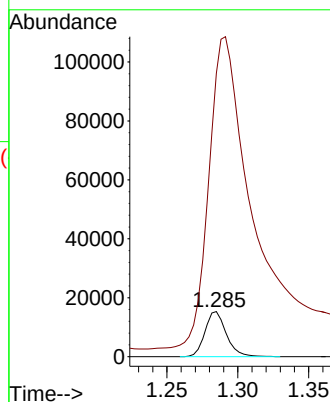
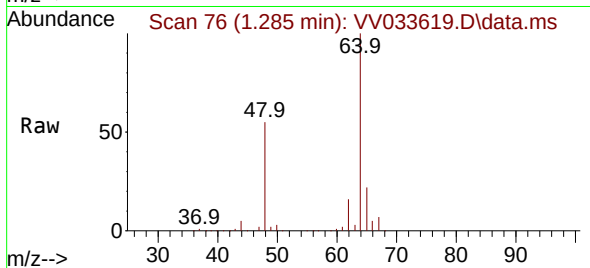
Instrument :

MSVOA_V

ClientSampleId :

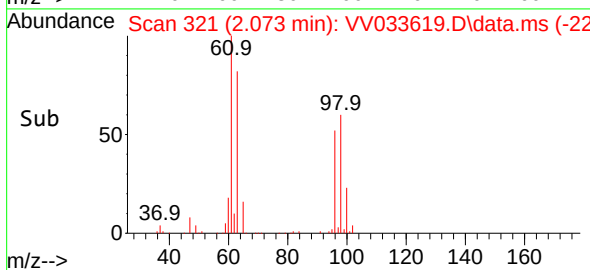
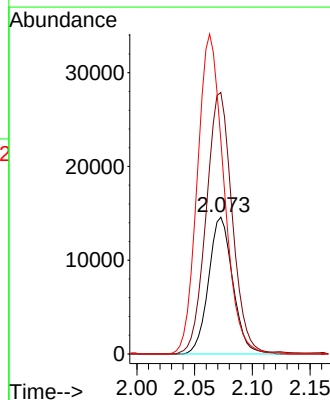
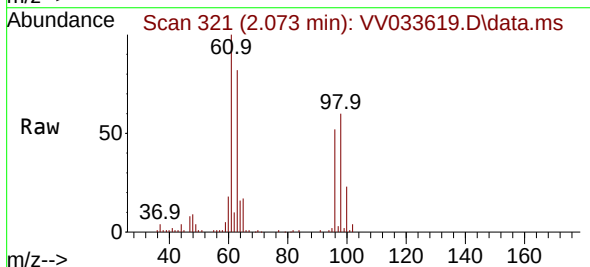
BH8L4

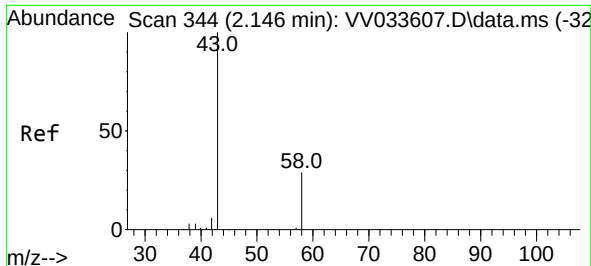
Tgt Ion: 62 Resp: 16055
Ion Ratio Lower Upper
62 100
64 627.7 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 2.619 ug/L
RT: 2.073 min Scan# 321
Delta R.T. 0.000 min
Lab File: VV033619.D
Acq: 13 Jan 2024 01:04

Tgt Ion: 96 Resp: 21253
Ion Ratio Lower Upper
96 100
61 191.1 133.8 248.4
63 156.3 77.2 143.4#





#13

Acetone

Concen: 2.780 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.022 min

Lab File: VV033619.D

Acq: 13 Jan 2024 01:04

Instrument :

MSVOA_V

ClientSampleId :

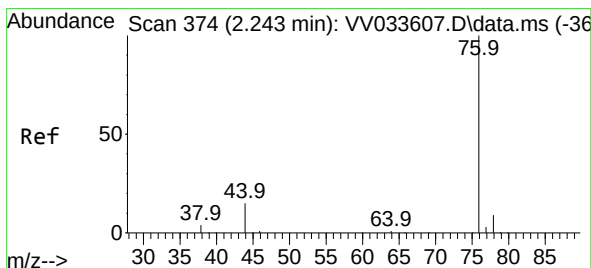
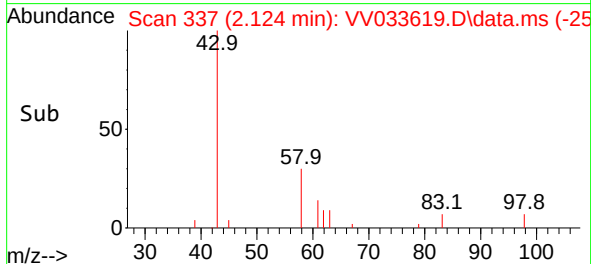
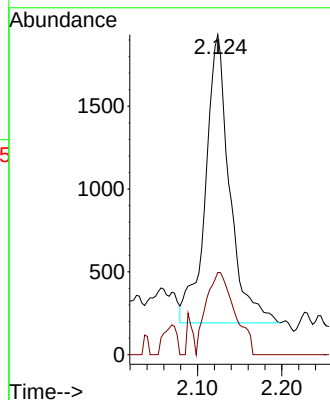
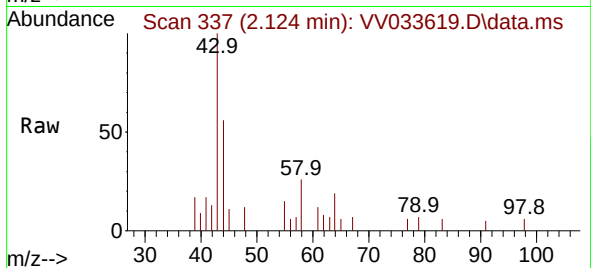
BH8L4

Tgt Ion: 43 Resp: 3474

Ion Ratio Lower Upper

43 100

58 33.6 0.0 51.0



#14

Carbon disulfide

Concen: 0.144 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV033619.D

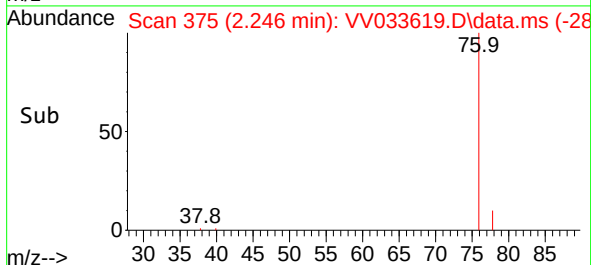
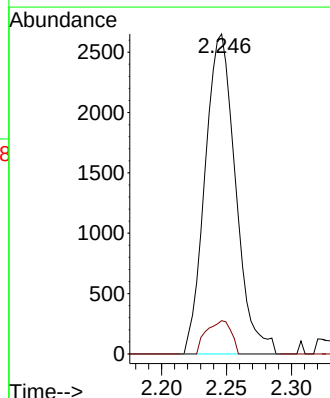
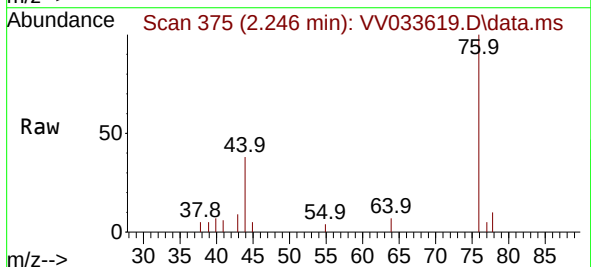
Acq: 13 Jan 2024 01:04

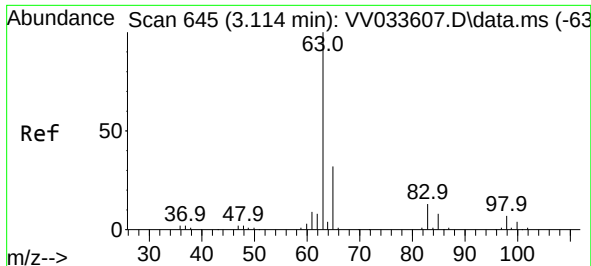
Tgt Ion: 76 Resp: 4336

Ion Ratio Lower Upper

76 100

78 10.4 7.1 10.7





#19

1,1-Dichloroethane

Concen: 1.901 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV033619.D

Acq: 13 Jan 2024 01:04

Instrument :

MSVOA_V

ClientSampleId :

BH8L4

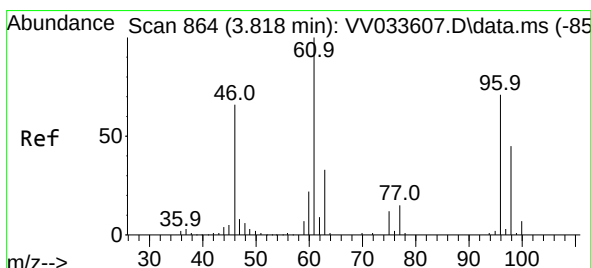
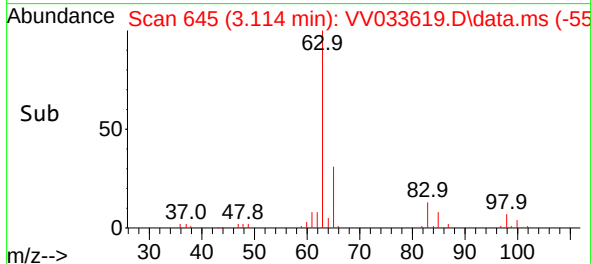
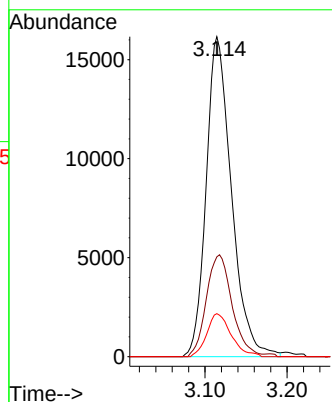
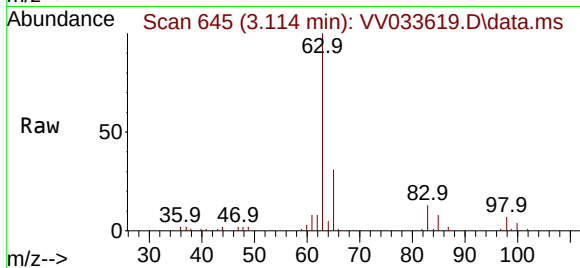
Tgt Ion: 63 Resp: 34622

Ion Ratio Lower Upper

63 100

65 31.2 21.6 40.2

83 13.4 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 17.529 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.003 min

Lab File: VV033619.D

Acq: 13 Jan 2024 01:04

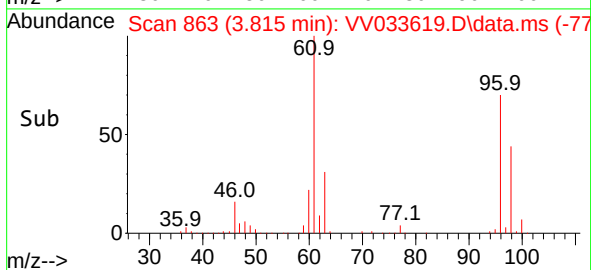
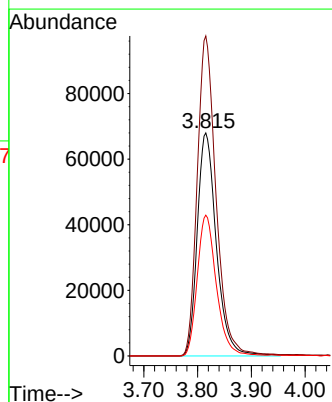
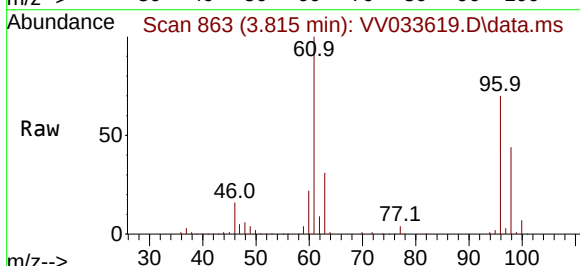
Tgt Ion: 96 Resp: 168268

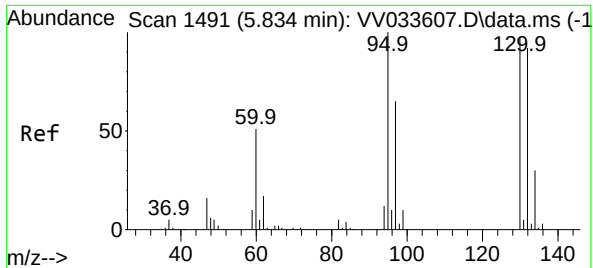
Ion Ratio Lower Upper

96 100

61 143.4 97.1 180.3

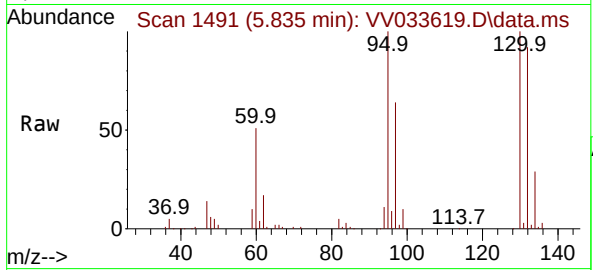
98 63.1 42.6 79.0





#34
 Trichloroethene
 Concen: 10.126 ug/L
 RT: 5.835 min Scan# 1491
 Delta R.T. 0.000 min
 Lab File: VV033619.D
 Acq: 13 Jan 2024 01:04

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8L4



Tgt Ion: 95 Resp: 101600

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.1	83.9
132	92.6	65.2	121.2
130	100.2	66.0	122.6

