

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092624\
 Data File : VU061019.D
 Acq On : 26 Sep 2024 14:41
 Operator : MD/SY
 Sample : P4186-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY069

Quant Time: Sep 27 04:53:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 27 04:49:19 2024
 Response via : Initial Calibration

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

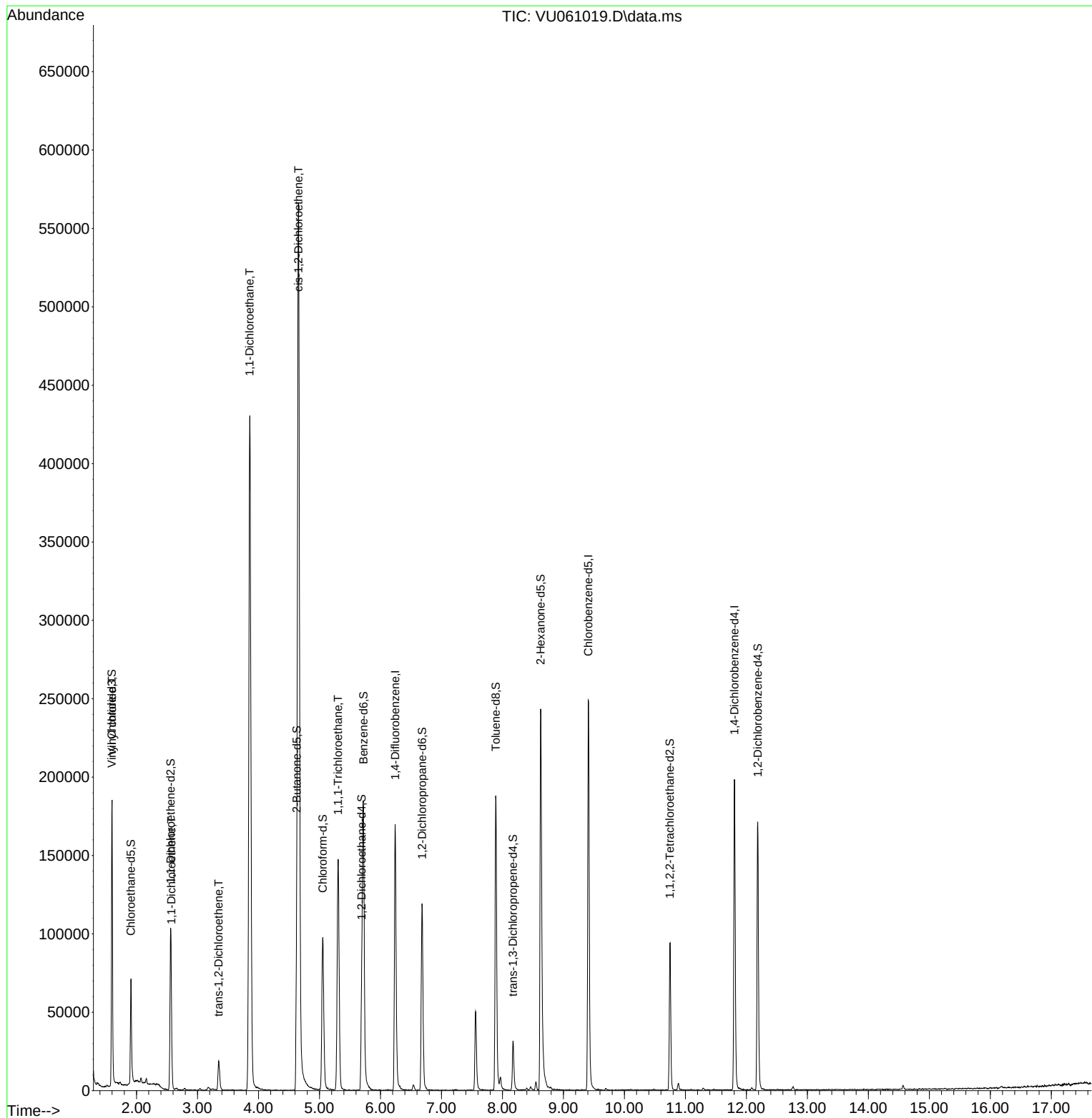
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141444	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	151908	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57484	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53274	4.188	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.800%	
7) Chloroethane-d5	1.907	69	48661	5.372	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.400%	
11) 1,1-Dichloroethene-d2	2.560	65	18156	4.027	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.600%	
20) 2-Butanone-d5	4.627	46	111949	54.814	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.620%	
24) Chloroform-d	5.055	84	97672	5.022	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.692	65	48488	5.216	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
32) Benzene-d6	5.721	84	181001	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.682	67	64066	5.086	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.891	98	137673	3.709	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.200%	
43) trans-1,3-Dichloroprop...	8.174	79	20104	4.434	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.627	63	86977	48.625	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.240%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50233	5.090	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	48892	5.062	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
5) Vinyl chloride	1.599	62	84633	6.933	ug/L	98
12) 1,1-Dichloroethene	2.570	96	5325	0.599	ug/L	# 1
18) trans-1,2-Dichloroethene	3.348	96	8976	0.974	ug/L	92
19) 1,1-Dichloroethane	3.856	63	508977	27.497	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	303415	29.736	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	109253	6.662	ug/L	98

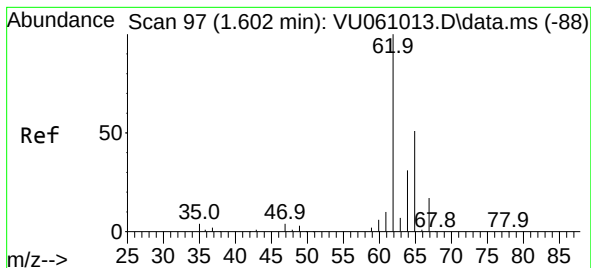
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 27 04:49:19 2024
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#5

Vinyl chloride

Concen: 6.933 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU061019.D

Acq: 26 Sep 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :

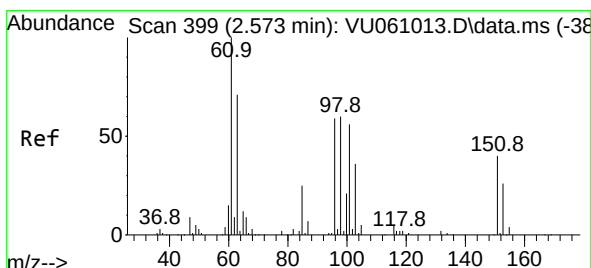
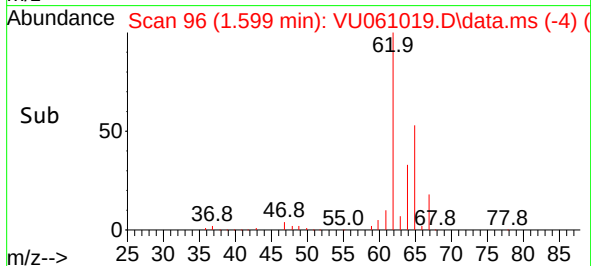
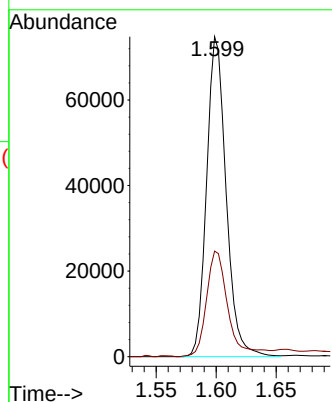
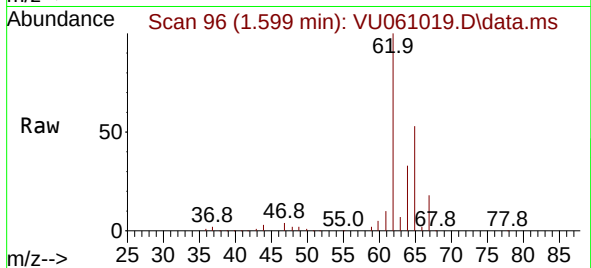
EY069

Tgt Ion: 62 Resp: 84633

Ion Ratio Lower Upper

62 100

64 33.0 24.0 44.6



#12

1,1-Dichloroethene

Concen: 0.599 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU061019.D

Acq: 26 Sep 2024 14:41

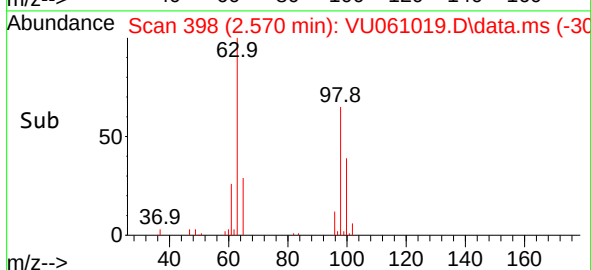
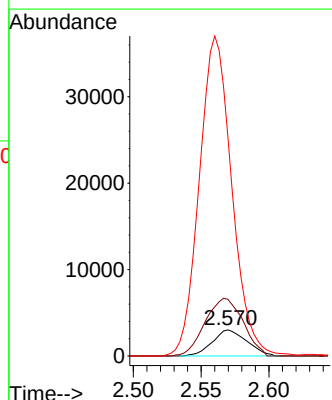
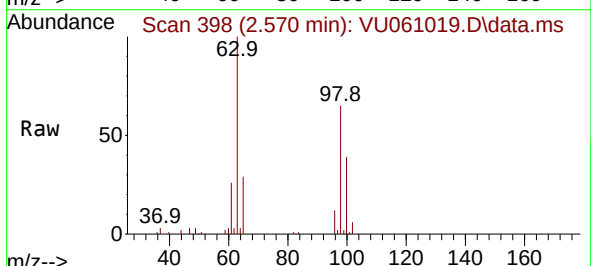
Tgt Ion: 96 Resp: 5325

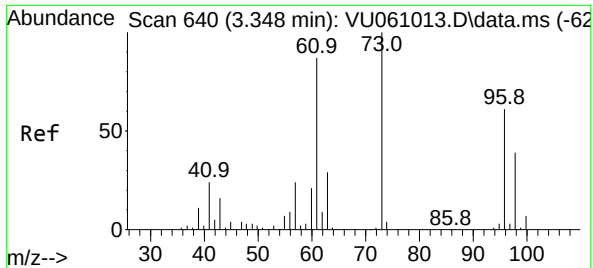
Ion Ratio Lower Upper

96 100

61 216.7 120.7 224.1

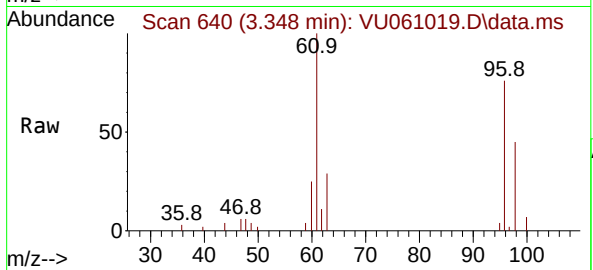
63 839.4 90.0 167.2#



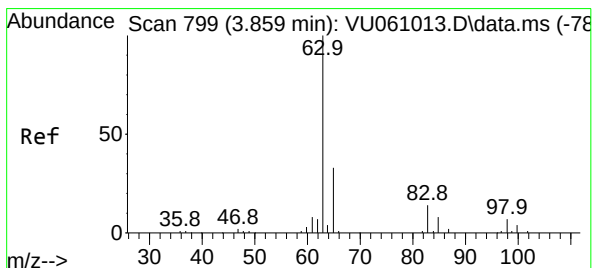
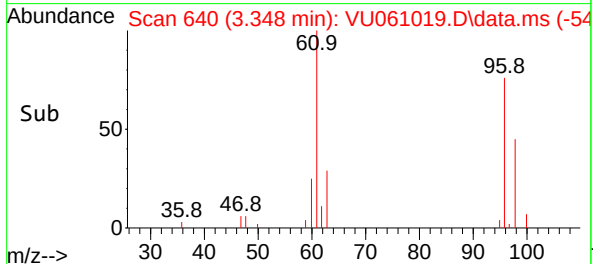
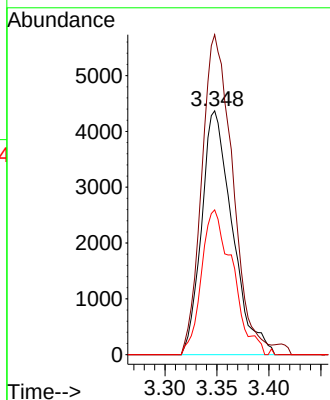


#18
trans-1,2-Dichloroethene
Concen: 0.974 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU061019.D
Acq: 26 Sep 2024 14:41

Instrument :
MSVOA_U
ClientSampleId :
EY069

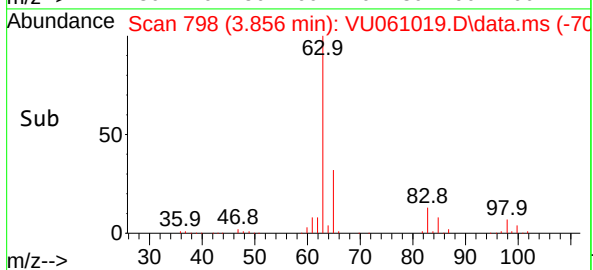
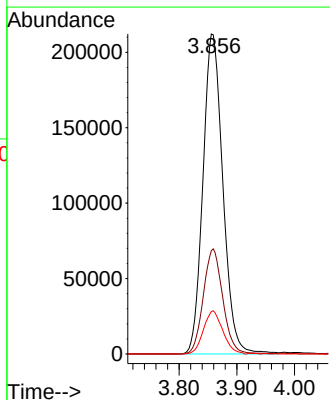
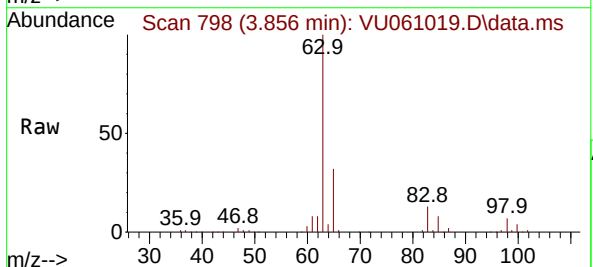


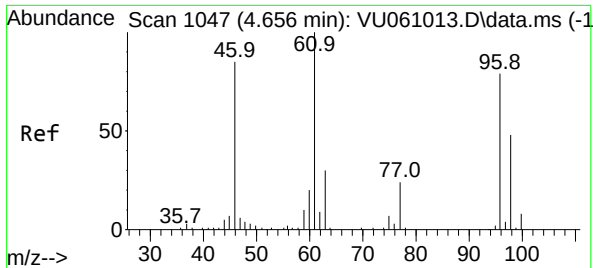
Tgt Ion:	96	Resp:	8976
Ion	Ratio	Lower	Upper
96	100		
61	127.2	97.2	180.6
98	57.6	43.3	80.5



#19
1,1-Dichloroethane
Concen: 27.497 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU061019.D
Acq: 26 Sep 2024 14:41

Tgt Ion:	63	Resp:	508977
Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.0	42.8
83	13.2	9.0	16.6

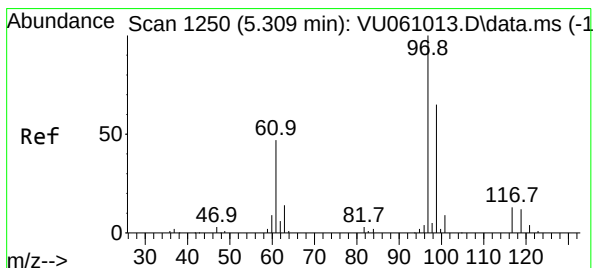
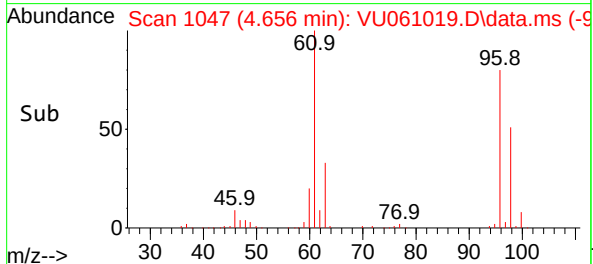
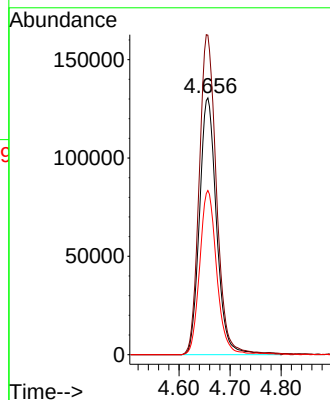
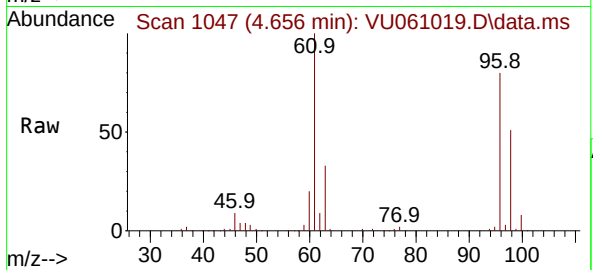




#22
 cis-1,2-Dichloroethene
 Concen: 29.736 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061019.D
 Acq: 26 Sep 2024 14:41

Instrument :
 MSVOA_U
 ClientSampleId :
 EY069

Tgt Ion: 96 Resp: 303415
 Ion Ratio Lower Upper
 96 100
 61 124.4 89.7 166.5
 98 63.9 45.1 83.9



#29
 1,1,1-Trichloroethane
 Concen: 6.662 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. -0.003 min
 Lab File: VU061019.D
 Acq: 26 Sep 2024 14:41

Tgt Ion: 97 Resp: 109253
 Ion Ratio Lower Upper
 97 100
 99 62.9 50.5 75.7
 61 45.3 34.4 51.6

