

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037609.D
 Acq On : 27 Sep 2024 16:20
 Operator : SY/MD
 Sample : P4184-04DL 10X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY032DL

Quant Time: Sep 27 23:51:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

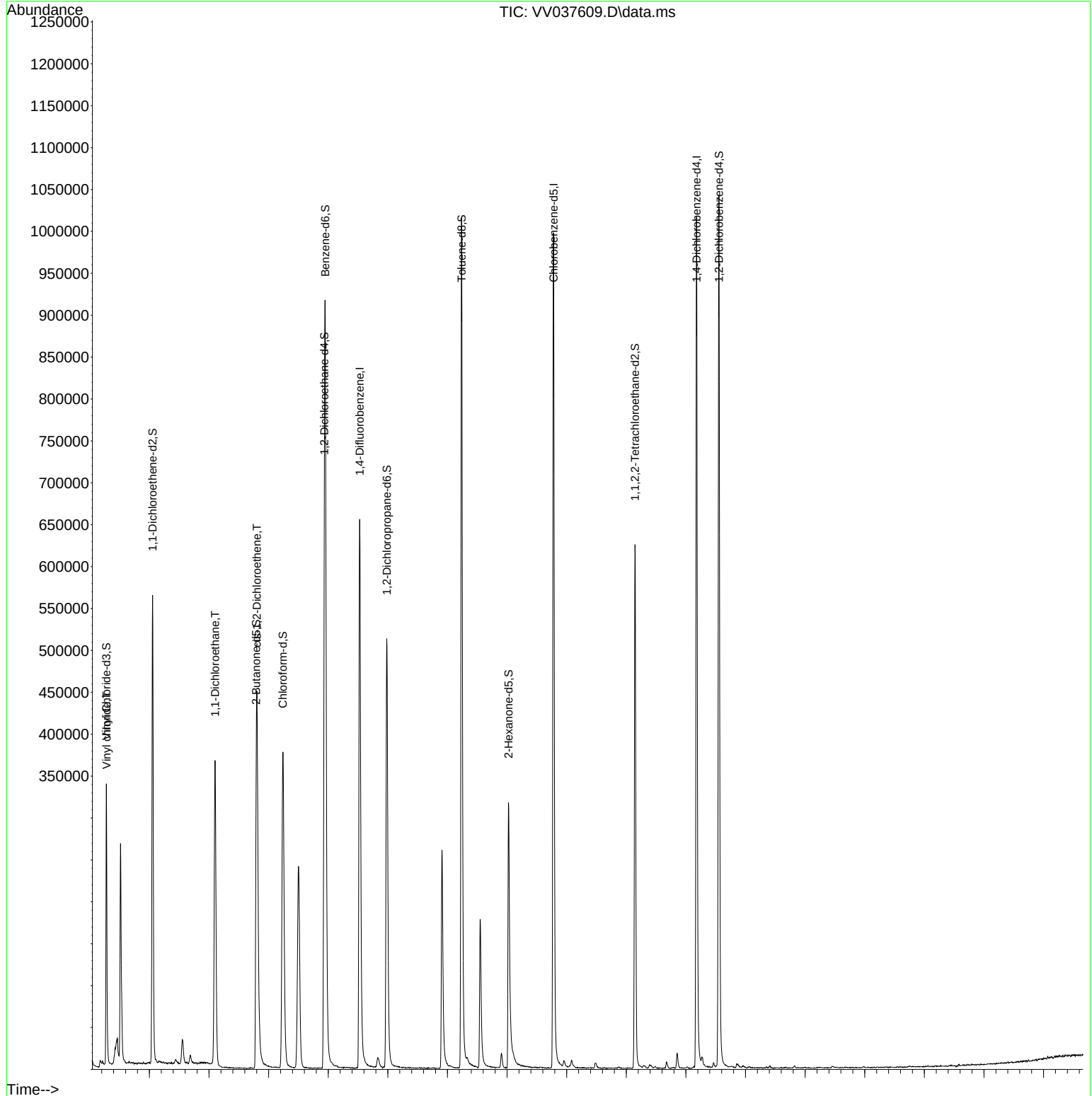
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	589026	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	568639	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	267066	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	210532	40.716	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.440%
7) Chloroethane-d5	1.516	69	178508	44.476	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.960%
11) 1,1-Dichloroethene-d2	2.053	65	93264	43.172	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.340%
21) 2-Butanone-d5	3.793	46	182547	99.118	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.120%
24) Chloroform-d	4.240	84	405411	44.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.140%
26) 1,2-Dichloroethane-d4	4.934	65	249583	46.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
32) Benzene-d6	4.950	84	801707	45.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
36) 1,2-Dichloropropane-d6	5.982	67	259549	45.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.620%
41) Toluene-d8	7.236	98	686749	42.563	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.120%
43) trans-1,3-Dichloroprop...	7.548	79	114128	43.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.720%
47) 2-Hexanone-d5	8.024	63	112797	94.277	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	306376	46.536	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.080%
66) 1,2-Dichlorobenzene-d4	11.554	152	274958	48.859	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.720%
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	22581	4.327	ug/L	86
8) Chloroethane	1.536	64	31705	9.856	ug/L	98
19) 1,1-Dichloroethane	3.101	63	361331	45.460	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	205624	44.293	ug/L	97
30) 1,1,1-Trichloroethane	4.500	97	204201	29.157	ug/L	99
46) Tetrachloroethene	7.905	164	4163	1.192	ug/L	94

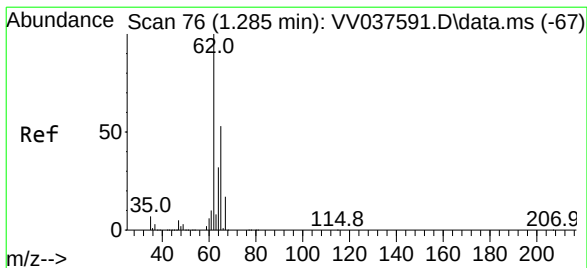
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037609.D
Acq On : 27 Sep 2024 16:20
Operator : SY/MD
Sample : P4184-04DL 10X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY032DL

Quant Time: Sep 27 23:51:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 23:45:04 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.327 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.003 min

Lab File: VV037609.D

Acq: 27 Sep 2024 16:20

Instrument :

MSVOA_V

ClientSampleId :

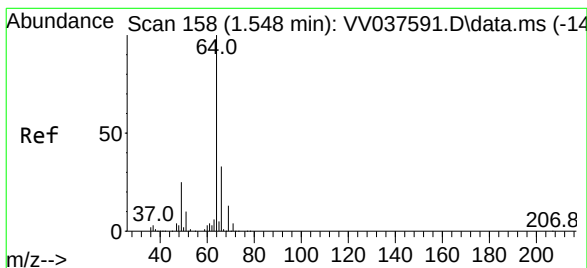
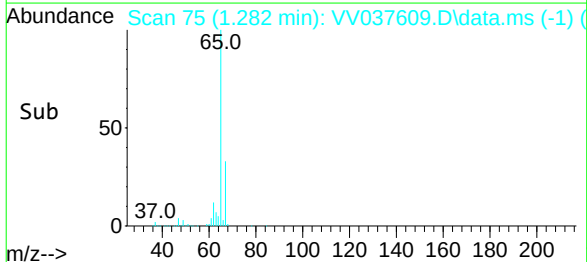
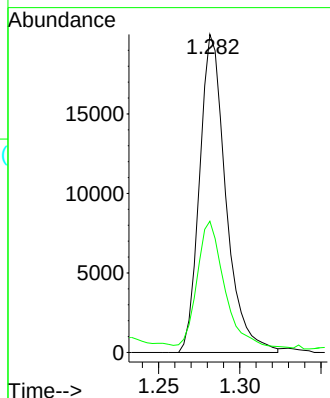
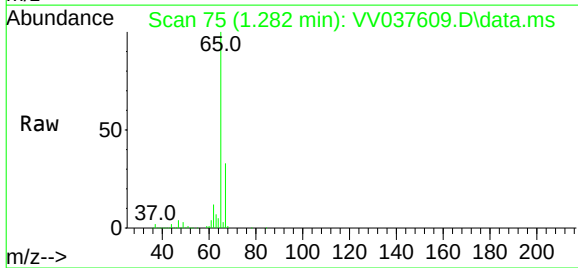
EY032DL

Tgt Ion: 62 Resp: 22581

Ion Ratio Lower Upper

62 100

64 41.3 23.2 43.0



#8

Chloroethane

Concen: 9.856 ug/L

RT: 1.536 min Scan# 154

Delta R.T. -0.013 min

Lab File: VV037609.D

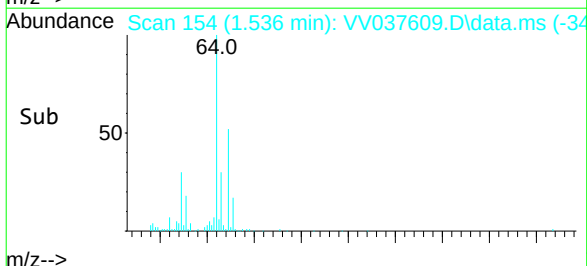
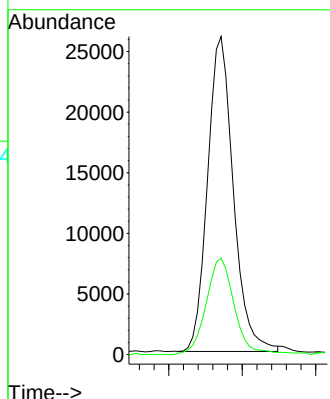
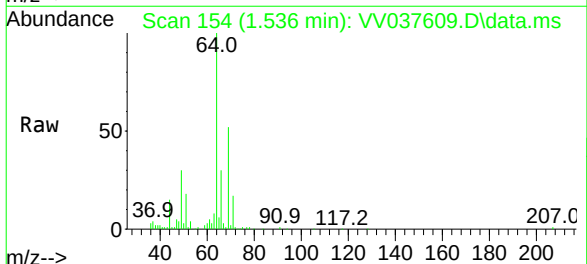
Acq: 27 Sep 2024 16:20

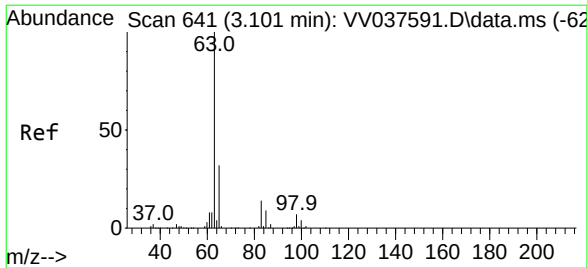
Tgt Ion: 64 Resp: 31705

Ion Ratio Lower Upper

64 100

66 30.3 22.2 41.2

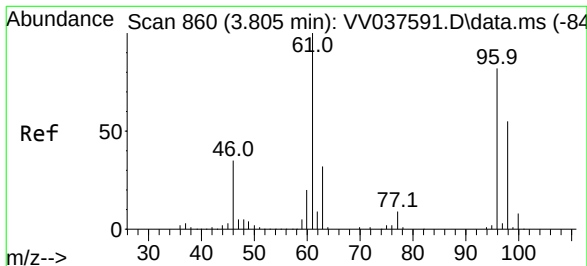
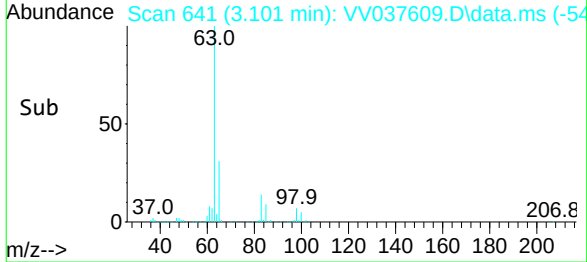
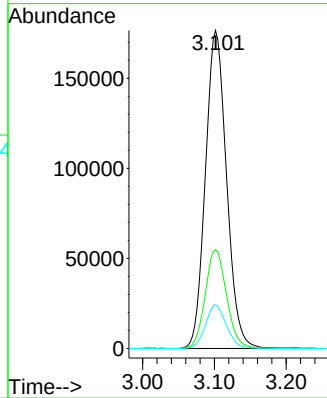
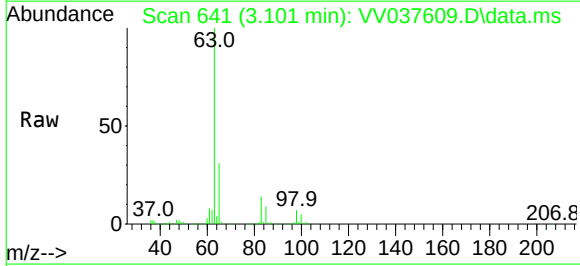




#19
1,1-Dichloroethane
Concen: 45.460 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV037609.D
Acq: 27 Sep 2024 16:20

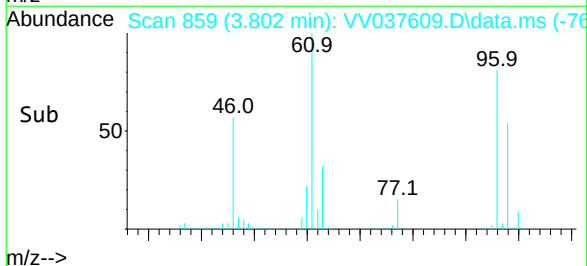
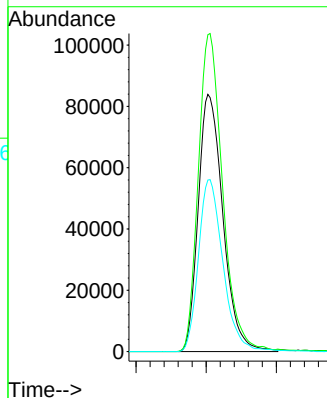
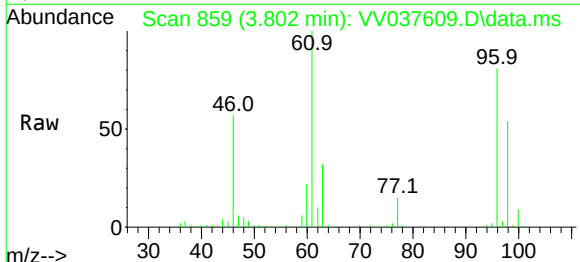
Instrument :
MSVOA_V
ClientSampleId :
EY032DL

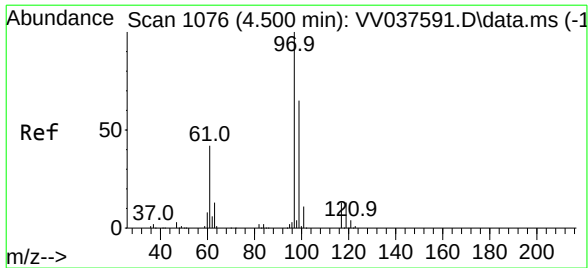
Tgt Ion:	63	Resp:	361331
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.4	41.6
83	13.8	9.5	17.7



#20
cis-1,2-Dichloroethene
Concen: 44.293 ug/L
RT: 3.802 min Scan# 859
Delta R.T. -0.003 min
Lab File: VV037609.D
Acq: 27 Sep 2024 16:20

Tgt Ion:	96	Resp:	205624
Ion	Ratio	Lower	Upper
96	100		
61	123.2	85.0	157.8
98	66.7	44.2	82.0

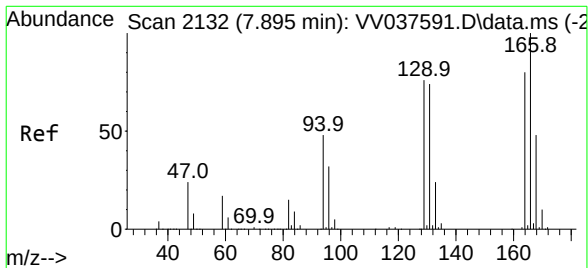
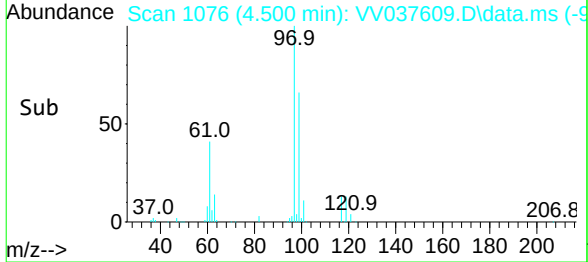
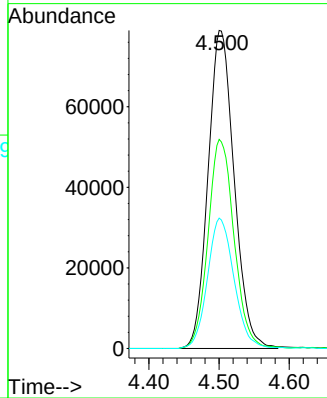
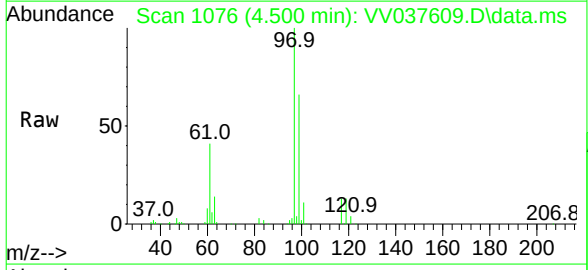




#30
1,1,1-Trichloroethane
Concen: 29.157 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV037609.D
Acq: 27 Sep 2024 16:20

Instrument :
MSVOA_V
ClientSampleId :
EY032DL

Tgt Ion:	97	Resp:	204201
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.8	77.6
61	41.5	33.6	50.4



#46
Tetrachloroethene
Concen: 1.192 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV037609.D
Acq: 27 Sep 2024 16:20

Tgt Ion:	164	Resp:	4163
Ion	Ratio	Lower	Upper
164	100		
129	104.9	68.2	126.6
131	97.6	66.1	122.8
166	136.9	91.1	169.1

