

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038285.D
 Acq On : 22 Nov 2024 22:19
 Operator : SY/MD
 Sample : P4930-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG439

Quant Time: Nov 23 02:06:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	246234	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	267053	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	111336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66321	3.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.529	69	70165	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.053	65	29903	3.682	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	3.786	46	193354	51.212	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.420%
24) Chloroform-d	4.240	84	167778	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.937	65	87177	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.953	84	293392	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.979	67	100882	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.239	98	221829	3.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	7.558	79	30436	3.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.018	63	165548	53.934	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.860%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	90495	5.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	92790	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	5866	0.252	ug/L	94
9) Trichlorofluoromethane	1.709	101	9153	0.283	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	21443	1.161	ug/L	98
12) 1,1-Dichloroethene	2.066	96	68011	3.867	ug/L	88
16) Methylene chloride	2.442	84	32775	1.634	ug/L	95
19) 1,1-Dichloroethane	3.111	63	18282	0.544	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	78475	4.096	ug/L	97
25) Chloroform	4.272	83	36985	1.028	ug/L	92
27) 1,2-Dichloroethane	5.066	62	7162	0.366	ug/L #	85
29) 1,1,1-Trichloroethane	4.503	97	35413	1.106	ug/L	98
31) Carbon tetrachloride	4.732	117	10623	0.376	ug/L	96
34) Trichloroethene	5.822	95	418163	20.449	ug/L	99
42) Toluene	7.326	91	15921	0.200	ug/L	95
47) Tetrachloroethene	7.895	164	160529	9.769	ug/L	96
51) Chlorobenzene	8.812	112	10660	0.195	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.169	83	2802	0.157	ug/L #	86

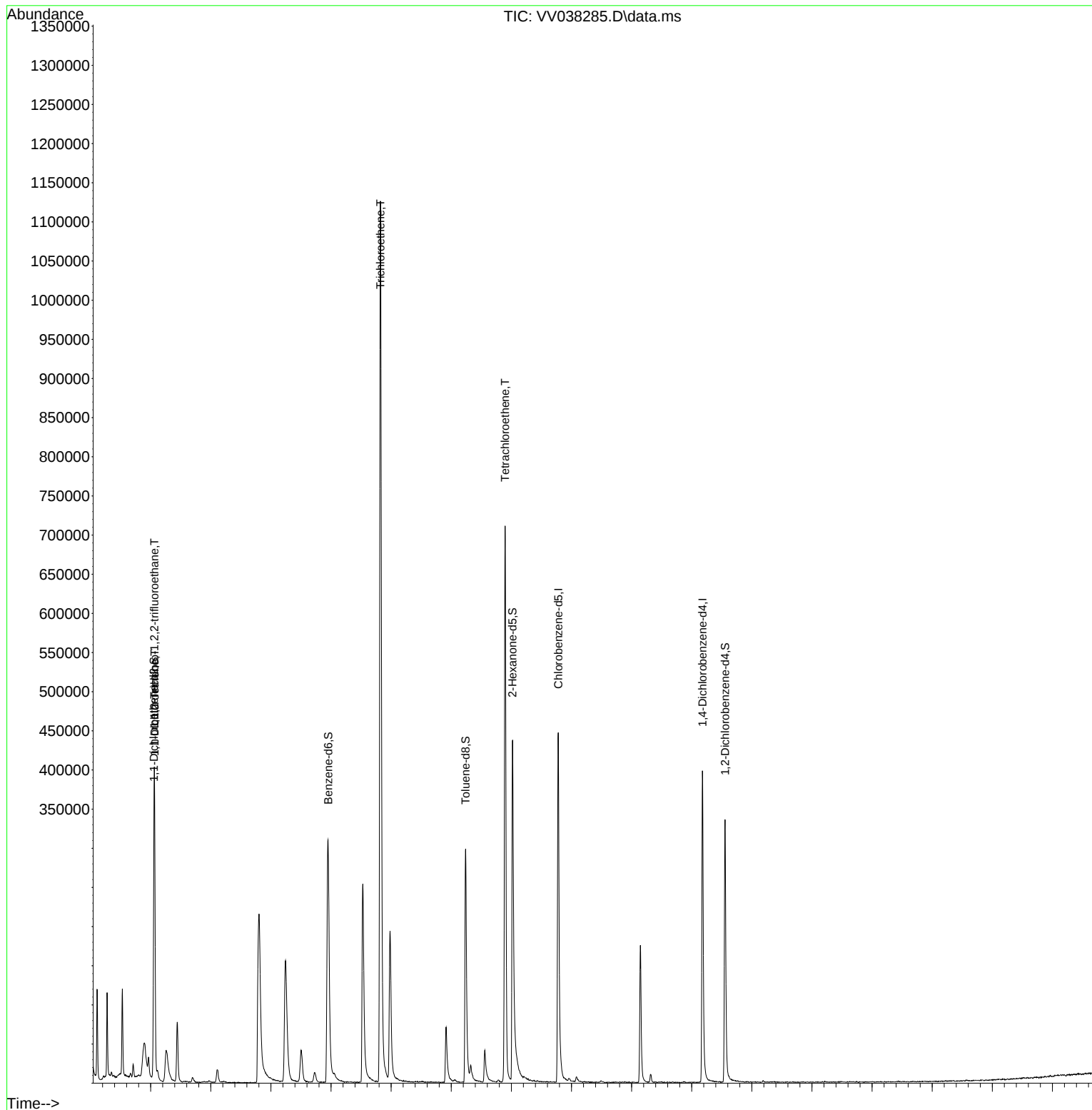
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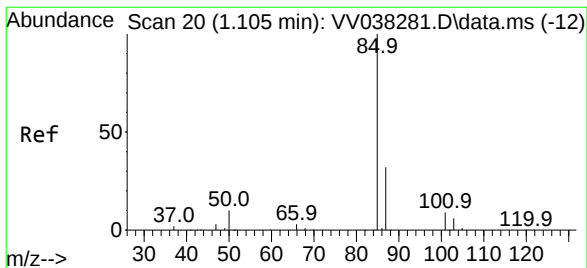
Instrument :
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QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.252 ug/L

RT: 1.105 min Scan# 20

Delta R.T. 0.000 min

Lab File: VV038285.D

Acq: 22 Nov 2024 22:19

Instrument :

MSVOA_V

ClientSampleId :

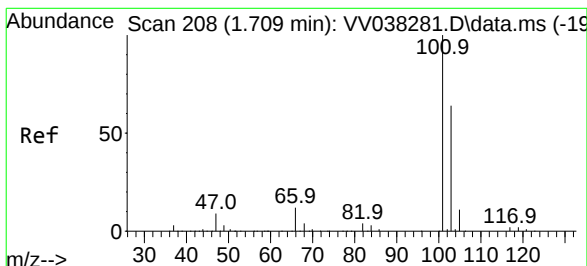
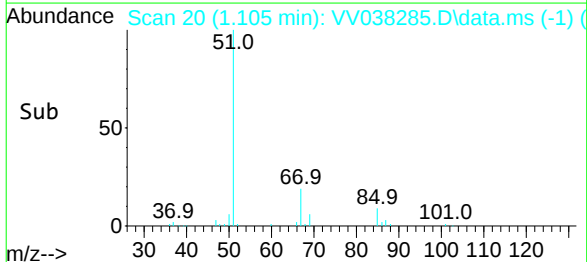
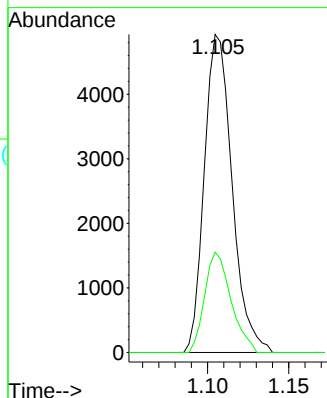
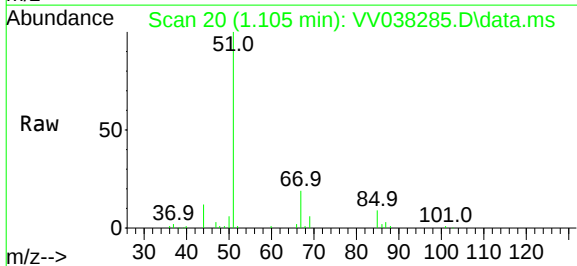
BG439

Tgt Ion: 85 Resp: 5866

Ion Ratio Lower Upper

85 100

87 29.8 26.5 39.7



#9

Trichlorofluoromethane

Concen: 0.283 ug/L

RT: 1.709 min Scan# 208

Delta R.T. 0.000 min

Lab File: VV038285.D

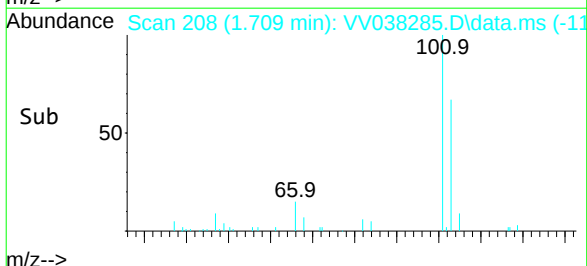
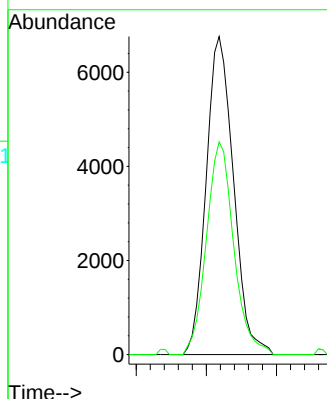
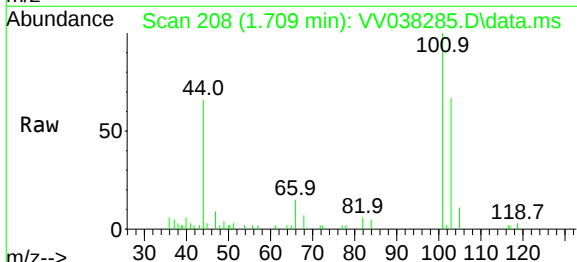
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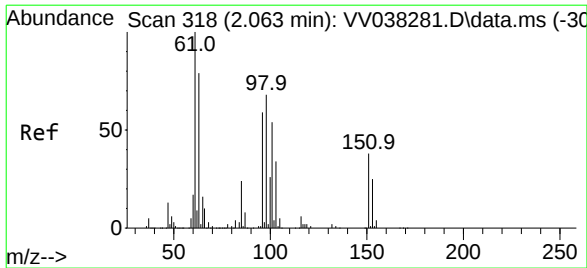
Tgt Ion: 101 Resp: 9153

Ion Ratio Lower Upper

101 100

103 66.9 51.5 77.3

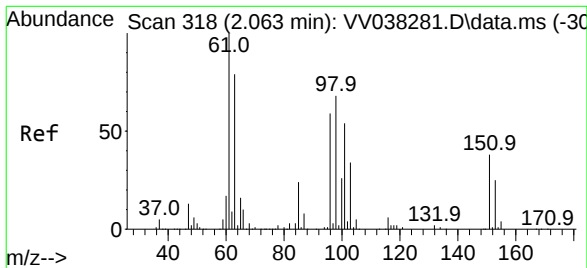
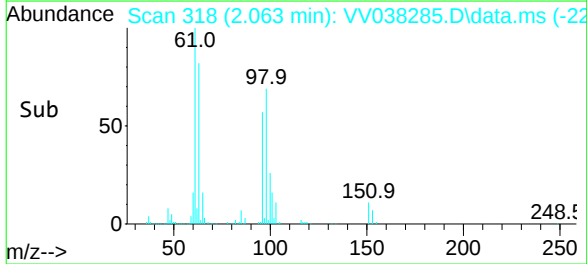
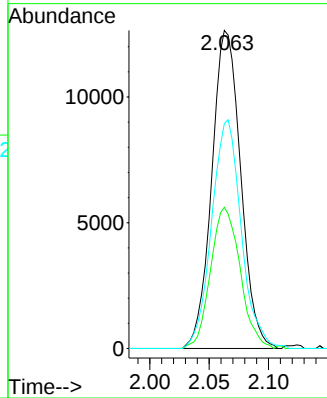
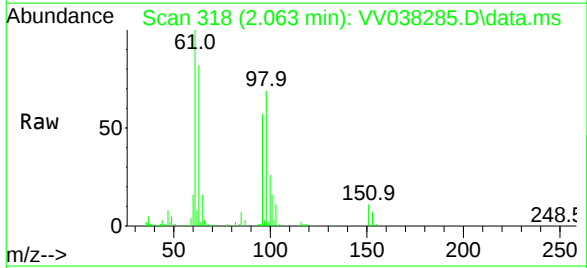




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.161 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038285.D
Acq: 22 Nov 2024 22:19

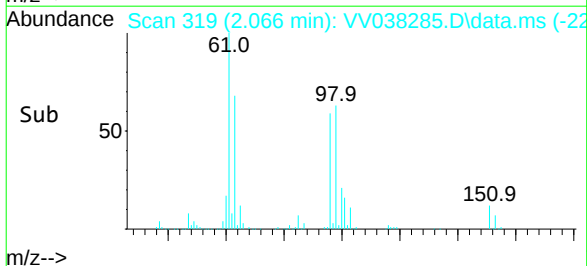
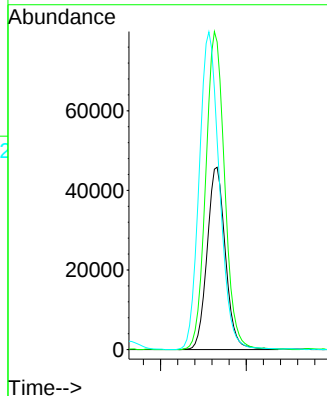
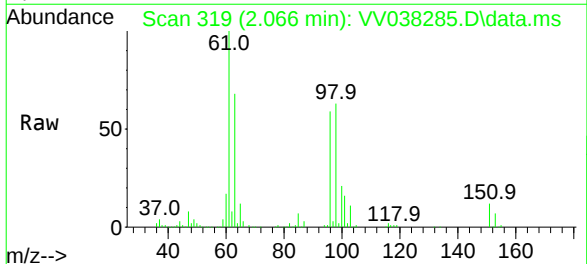
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MSVOA_V
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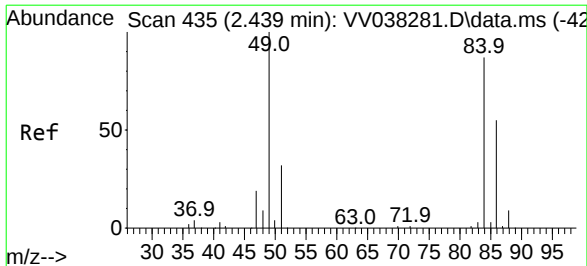
Tgt Ion:	101	Resp:	21443
Ion	Ratio	Lower	Upper
101	100		
85	45.3	33.4	50.0
151	73.8	58.8	88.2



#12
1,1-Dichloroethene
Concen: 3.867 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV038285.D
Acq: 22 Nov 2024 22:19

Tgt Ion:	96	Resp:	68011
Ion	Ratio	Lower	Upper
96	100		
61	168.7	115.7	214.9
63	115.0	101.1	187.7

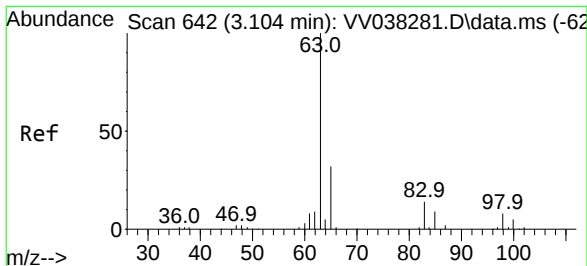
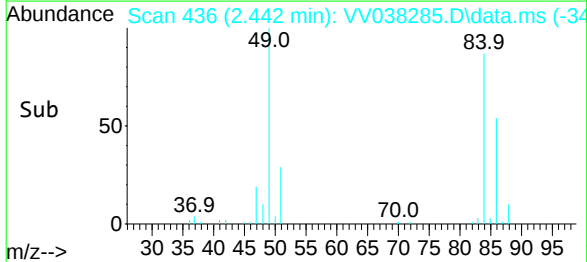
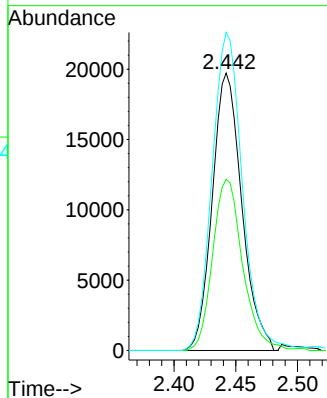
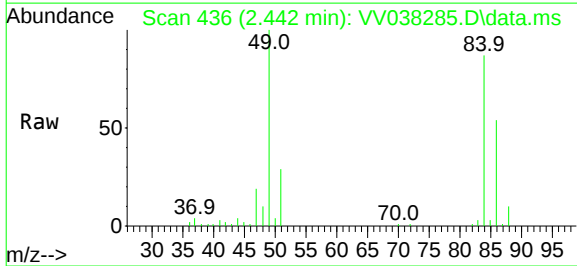




#16
Methylene chloride
Concen: 1.634 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038285.D
Acq: 22 Nov 2024 22:19

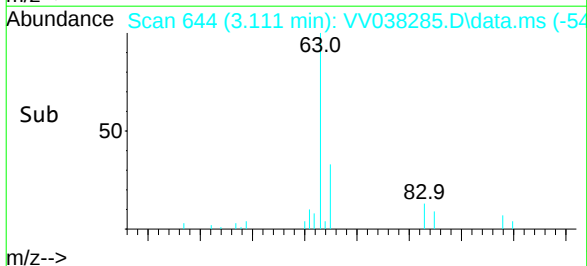
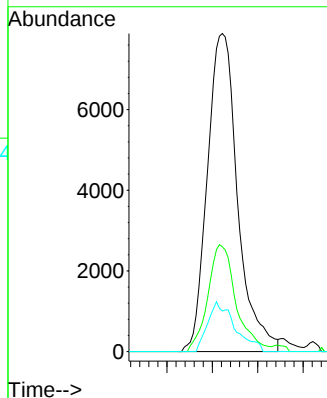
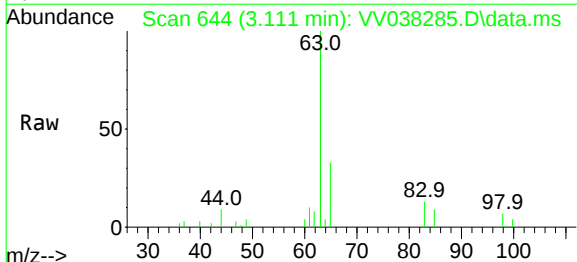
Instrument :
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ClientSampleId :
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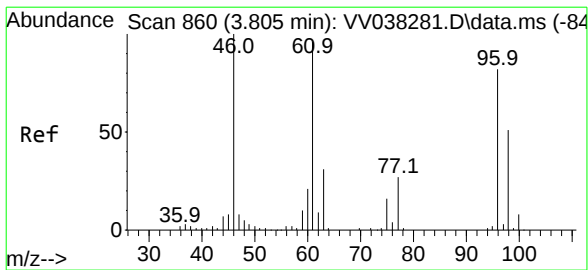
Tgt Ion: 84 Resp: 32775
Ion Ratio Lower Upper
84 100
86 61.7 44.2 82.2
49 114.6 74.9 139.1



#19
1,1-Dichloroethane
Concen: 0.544 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.007 min
Lab File: VV038285.D
Acq: 22 Nov 2024 22:19

Tgt Ion: 63 Resp: 18282
Ion Ratio Lower Upper
63 100
65 33.0 22.5 41.7
83 12.8 10.1 18.9

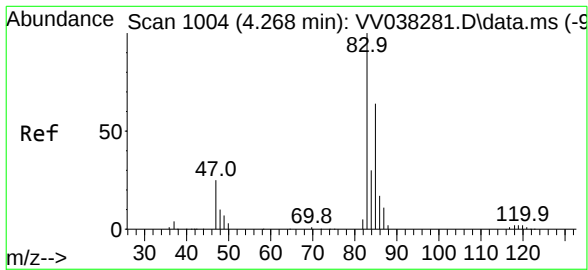
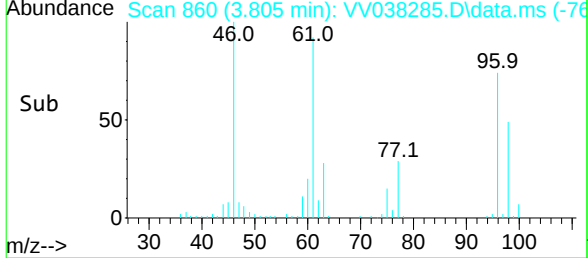
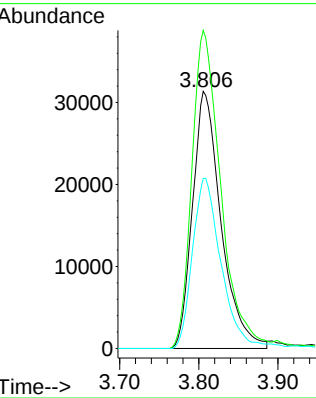
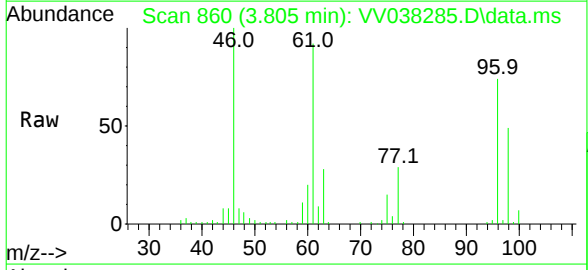




#22
 cis-1,2-Dichloroethene
 Concen: 4.096 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. 0.000 min
 Lab File: VV038285.D
 Acq: 22 Nov 2024 22:19

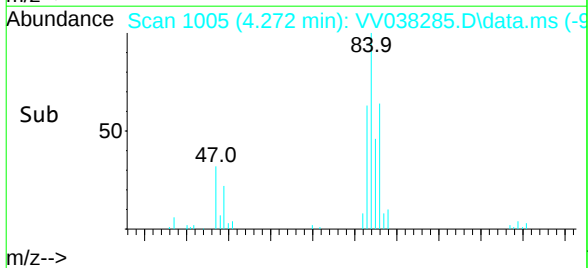
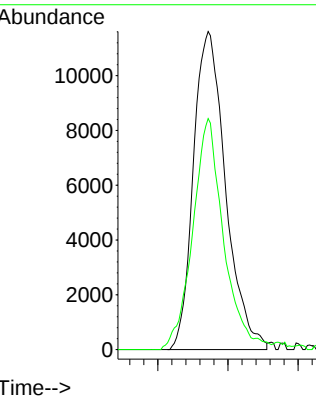
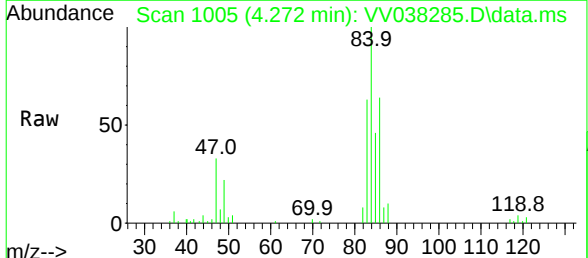
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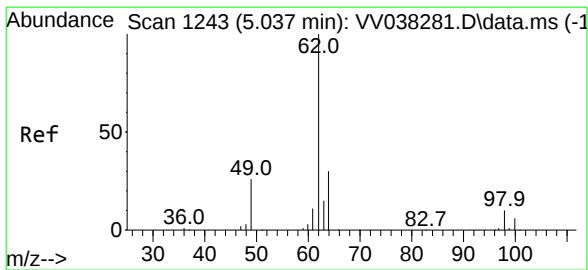
Tgt Ion:	96	Resp:	78475
Ion	Ratio	Lower	Upper
96	100		
61	123.7	82.7	153.5
98	66.1	46.3	85.9



#25
 Chloroform
 Concen: 1.028 ug/L
 RT: 4.272 min Scan# 1005
 Delta R.T. 0.003 min
 Lab File: VV038285.D
 Acq: 22 Nov 2024 22:19

Tgt Ion:	83	Resp:	36985
Ion	Ratio	Lower	Upper
83	100		
85	72.6	46.5	86.3

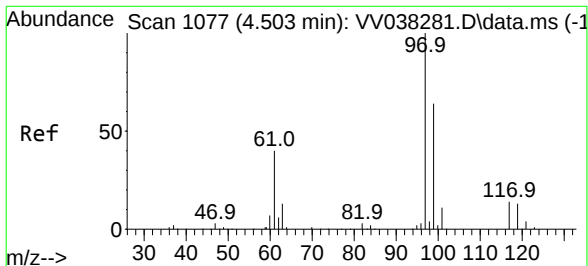
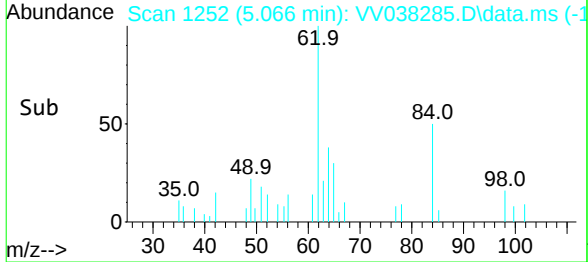
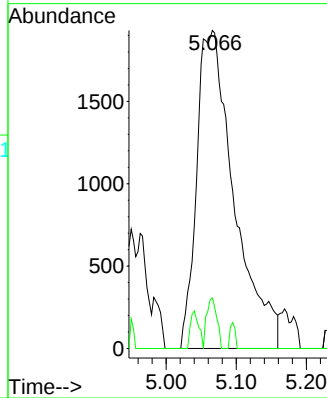
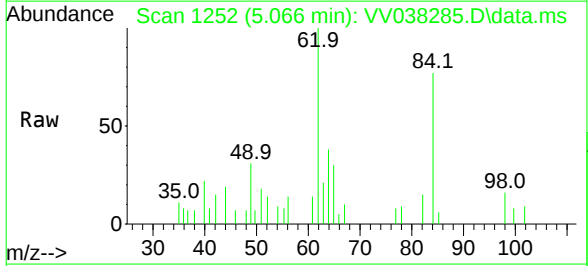




#27
1,2-Dichloroethane
Concen: 0.366 ug/L
RT: 5.066 min Scan# 12
Delta R.T. 0.029 min
Lab File: VV038285.D
Acq: 22 Nov 2024 22:19

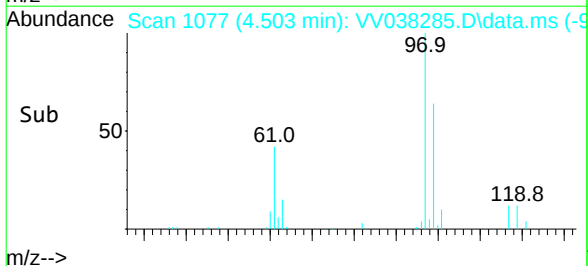
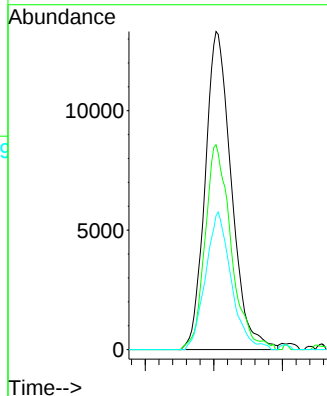
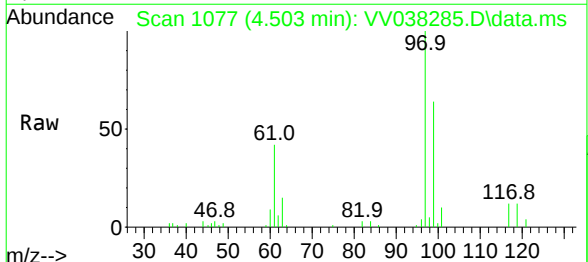
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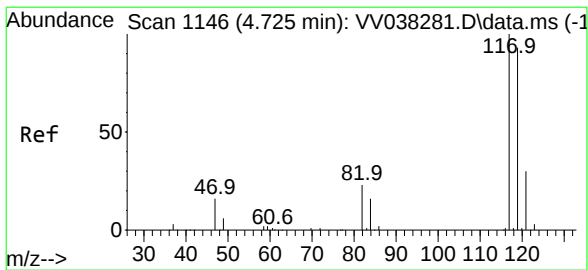
Tgt Ion: 62 Resp: 7162
Ion Ratio Lower Upper
62 100
98 15.9 8.2 12.4#



#29
1,1,1-Trichloroethane
Concen: 1.106 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV038285.D
Acq: 22 Nov 2024 22:19

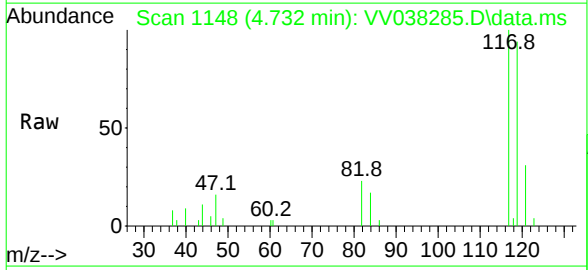
Tgt Ion: 97 Resp: 35413
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.8
61 41.6 32.2 48.2



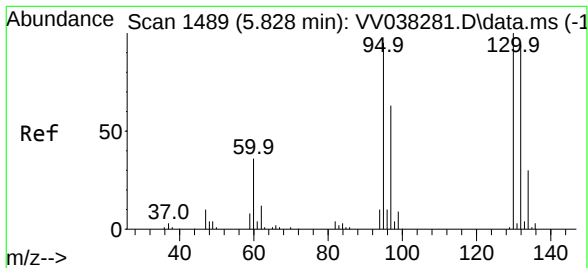
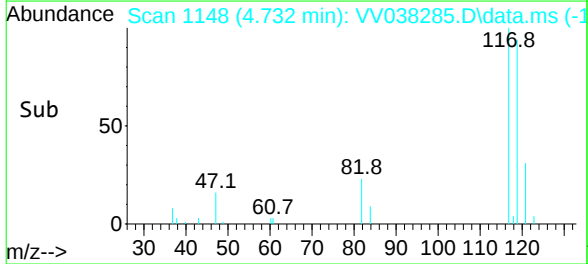
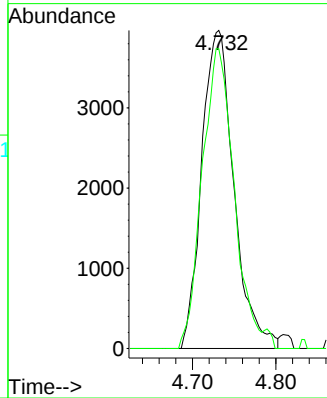


#31
Carbon tetrachloride
Concen: 0.376 ug/L
RT: 4.732 min Scan# 1146
Delta R.T. 0.007 min
Lab File: VV038285.D
Acq: 22 Nov 2024 22:19

Instrument :
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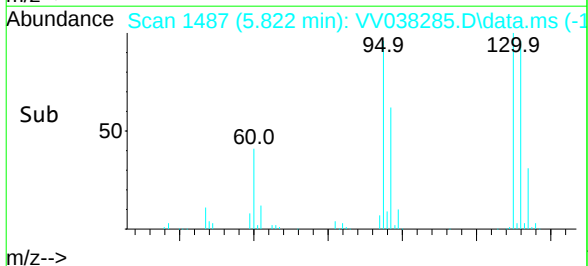
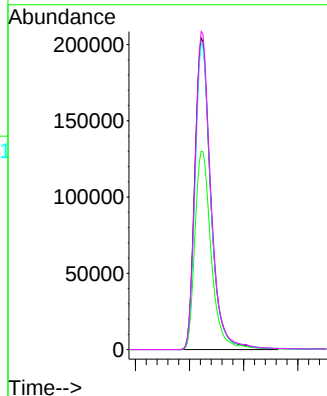
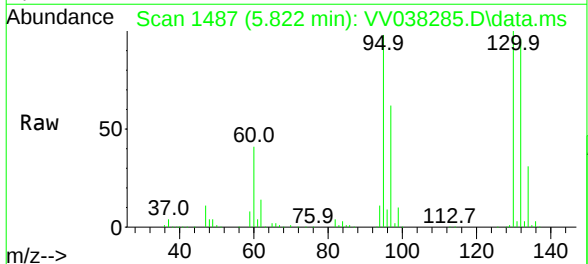


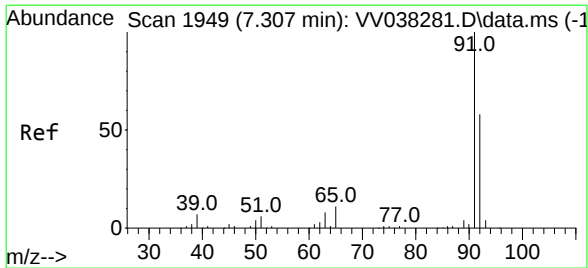
Tgt Ion: 117 Resp: 10623
Ion Ratio Lower Upper
117 100
119 93.2 77.4 116.2



#34
Trichloroethene
Concen: 20.449 ug/L
RT: 5.822 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VV038285.D
Acq: 22 Nov 2024 22:19

Tgt Ion: 95 Resp: 418163
Ion Ratio Lower Upper
95 100
97 63.7 44.8 83.2
132 98.4 68.3 126.8
130 102.1 70.2 130.4





#42

Toluene

Concen: 0.200 ug/L

RT: 7.326 min Scan# 19

Delta R.T. 0.019 min

Lab File: VV038285.D

Acq: 22 Nov 2024 22:19

Instrument :

MSVOA_V

ClientSampleId :

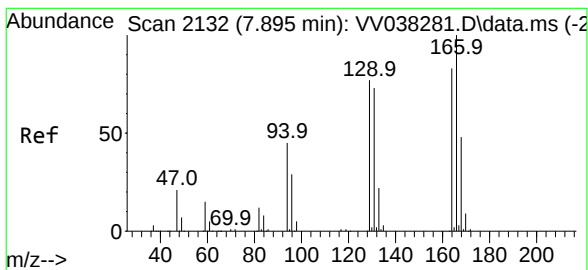
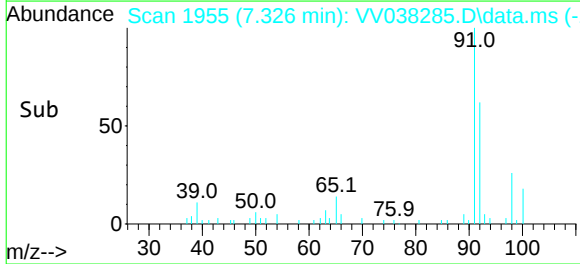
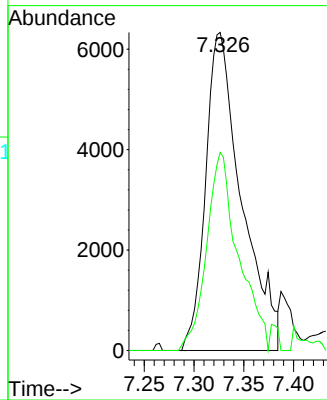
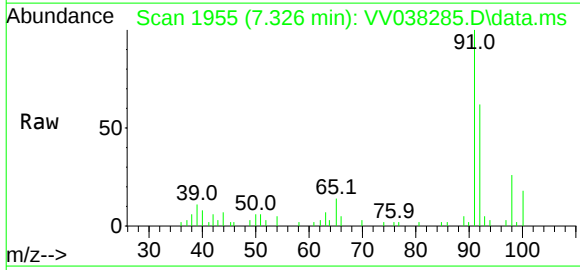
BG439

Tgt Ion: 91 Resp: 15921

Ion Ratio Lower Upper

91 100

92 62.3 40.8 75.8



#47

Tetrachloroethene

Concen: 9.769 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038285.D

Acq: 22 Nov 2024 22:19

Tgt Ion: 164 Resp: 160529

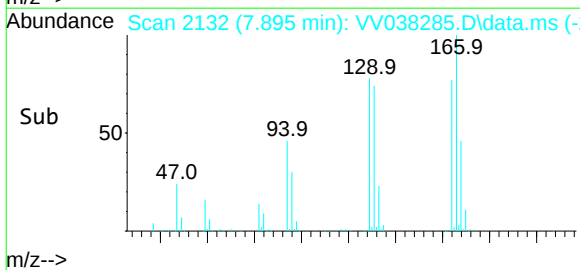
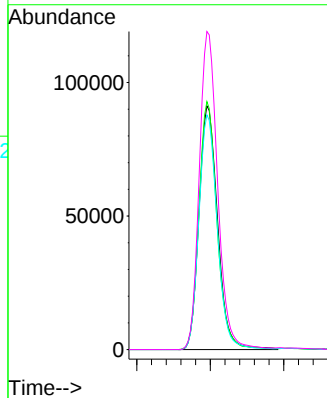
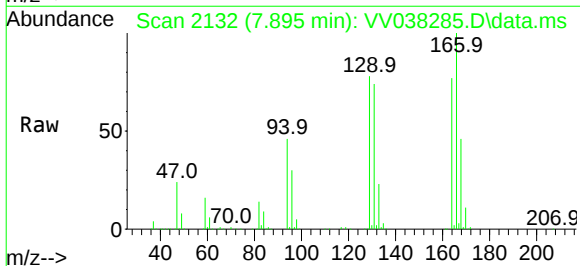
Ion Ratio Lower Upper

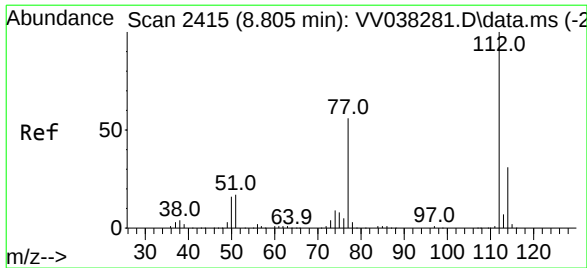
164 100

129 101.8 68.5 127.1

131 96.3 64.8 120.4

166 130.5 88.3 163.9





#51

Chlorobenzene

Concen: 0.195 ug/L

RT: 8.812 min Scan# 2415

Delta R.T. 0.007 min

Lab File: VV038285.D

Acq: 22 Nov 2024 22:19

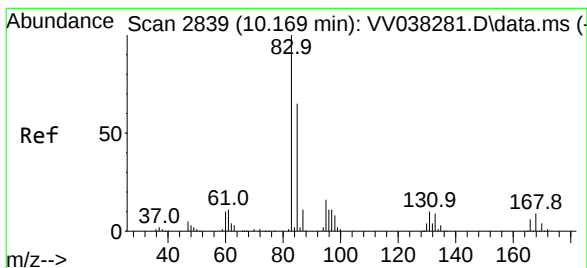
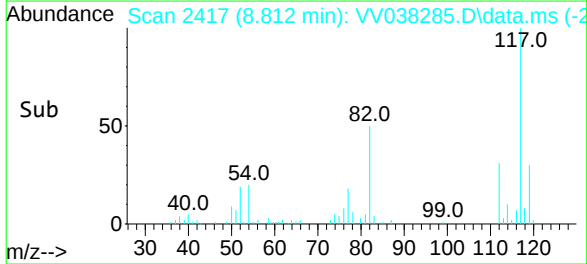
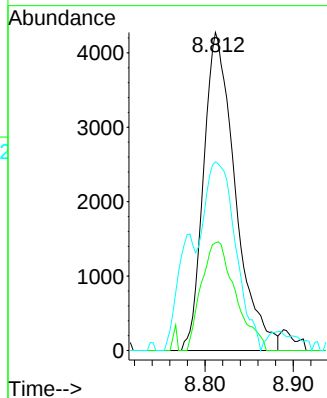
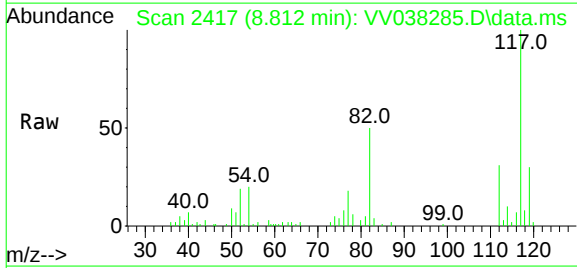
Instrument :

MSVOA_V

ClientSampleId :

BG439

Tgt Ion:	112	Resp:	10660
Ion	Ratio	Lower	Upper
112	100		
114	33.8	22.0	40.8
77	59.3	45.0	67.4



#57

1,1,2,2-Tetrachloroethane

Concen: 0.157 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. 0.000 min

Lab File: VV038285.D

Acq: 22 Nov 2024 22:19

Tgt Ion:	83	Resp:	2802
Ion	Ratio	Lower	Upper
83	100		
85	70.8	45.7	84.9
131	32.0	8.2	12.4

