Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080224\
Data File : VX042851.D
Acq On : 02 Aug 2024 18:54
Operator : JC/MD
Sample : P3446-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Quant Time: Aug 02 21:36:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 02 21:32:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.903	128	14330	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.769	114	81524	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	78283	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.958	65	38365	27.285	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 90.967%#				
60) 4-Bromofluorobenzene	11.079	95	37905	29.029	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.767%				
63) Toluene-d8	8.653	98	98507	28.529	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.100%				
Target Compounds							Qvalue
12) Methyl Acetate	2.709	43	1772	1.059	ug/l		92
15) Acetone	2.386	58	32388	164.963	ug/l		98
16) Carbon Disulfide	2.514	76	1460	0.799	ug/l	#	75
18) Methylene Chloride	2.788	84	1657	1.484	ug/l	#	87
30) 2-Butanone	4.574	43	19851	26.299	ug/l	#	92
58) 4-Methyl-2-Pentanone	8.580	43	4745	3.439	ug/l		98
62) Toluene	8.720	91	974360	246.279	ug/l		100
66) Ethyl Benzene	10.201	91	1125	0.254	ug/l	#	70
67) m/p-Xylenes	10.305	106	802	0.469	ug/l		95
74) n-propylbenzene	11.311	91	1142	0.227	ug/l		99
76) 1,3,5-Trimethylbenzene	11.451	105	873	0.236	ug/l		72
80) 1,2,4-Trimethylbenzene	11.756	105	3113	0.847	ug/l		57
82) p-Isopropyltoluene	12.012	119	5156	1.343	ug/l		88
83) 1,3-Dichlorobenzene	11.975	146	656	0.332	ug/l		87
84) 1,4-Dichlorobenzene	12.042	146	3860	1.938	ug/l		97
85) n-Butylbenzene	12.329	91	1483	0.444	ug/l		96
89) 1,2,4-Trichlorobenzene	13.585	180	900	0.754	ug/l		91
90) Hexachlorobutadiene	13.725	225	172	0.342	ug/l		62
91) Naphthalene	13.780	128	2820	0.636	ug/l	#	83
92) 1,2,3-Trichlorobenzene	13.969	180	827	0.673	ug/l		89

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080224\
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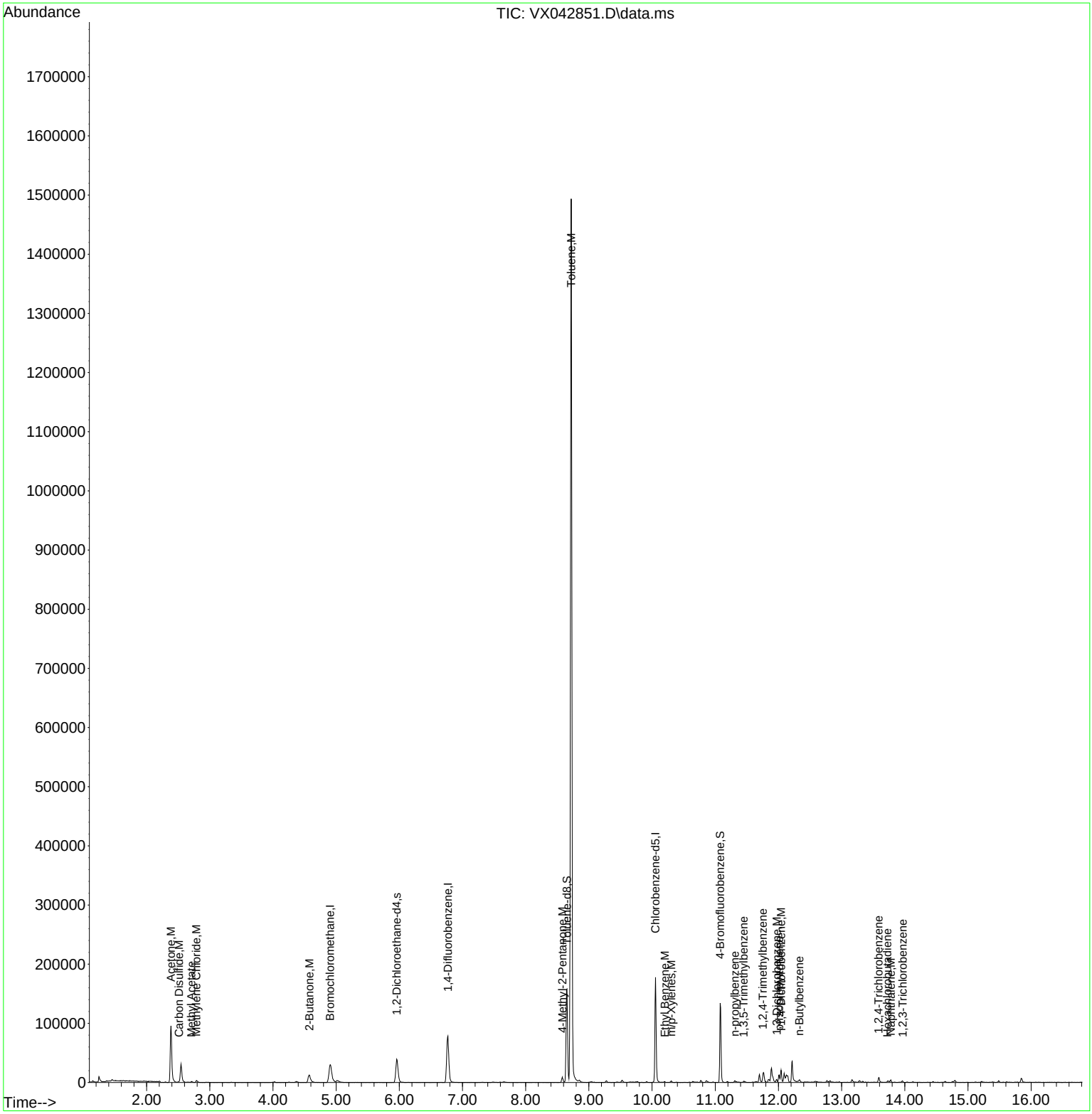
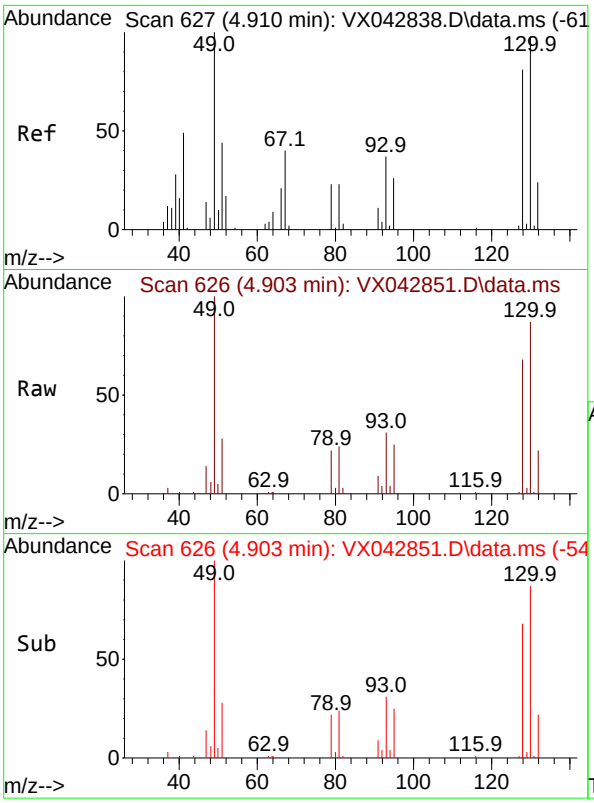
002-35TH-AVE(JULY)

Quant Time: Aug 02 21:36:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 02 21:32:14 2024
Response via : Initial Calibration



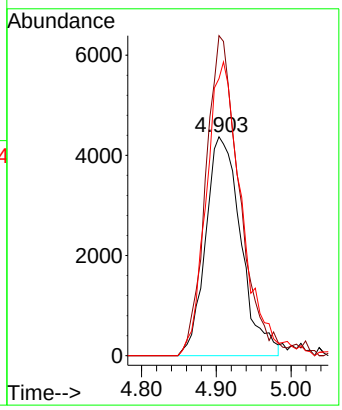


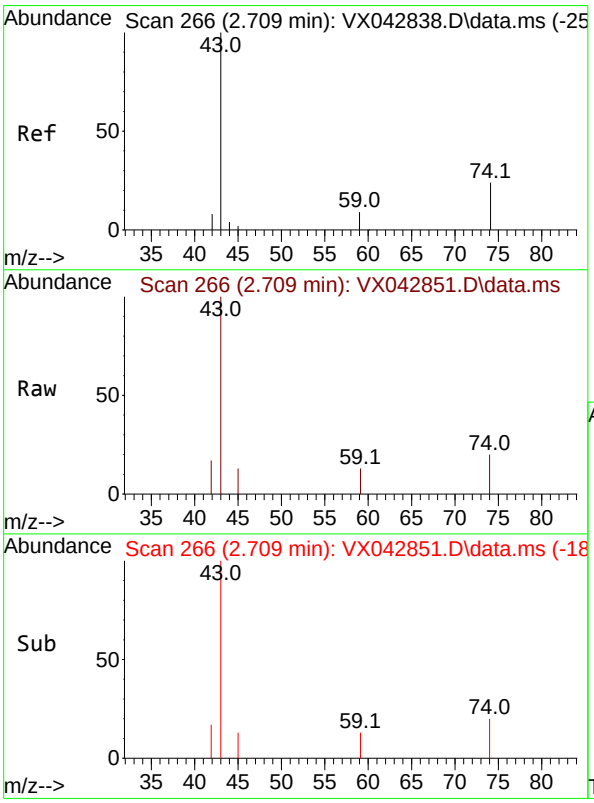
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.007 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion:128 Resp: 14330

Ion	Ratio	Lower	Upper
128	100		
49	136.7	0.0	338.5
130	132.8	0.0	324.5

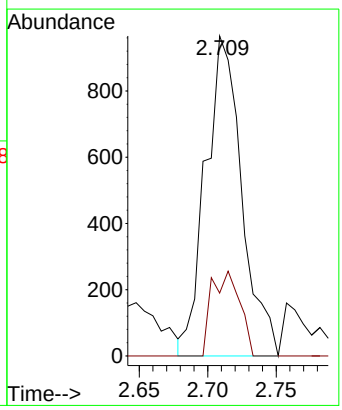


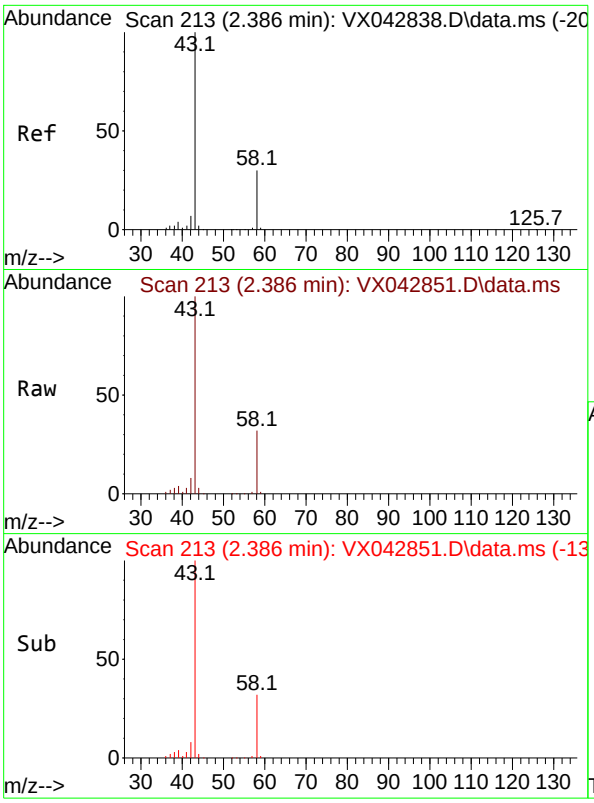


#12
Methyl Acetate
Concen: 1.059 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion: 43 Resp: 1772

Ion	Ratio	Lower	Upper
43	100		
74	20.2	19.4	29.2



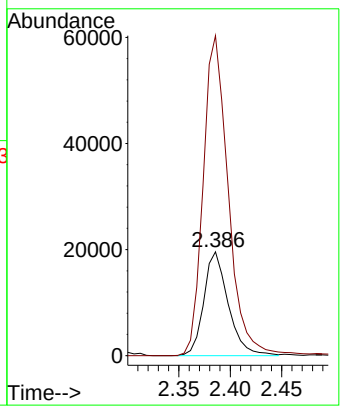


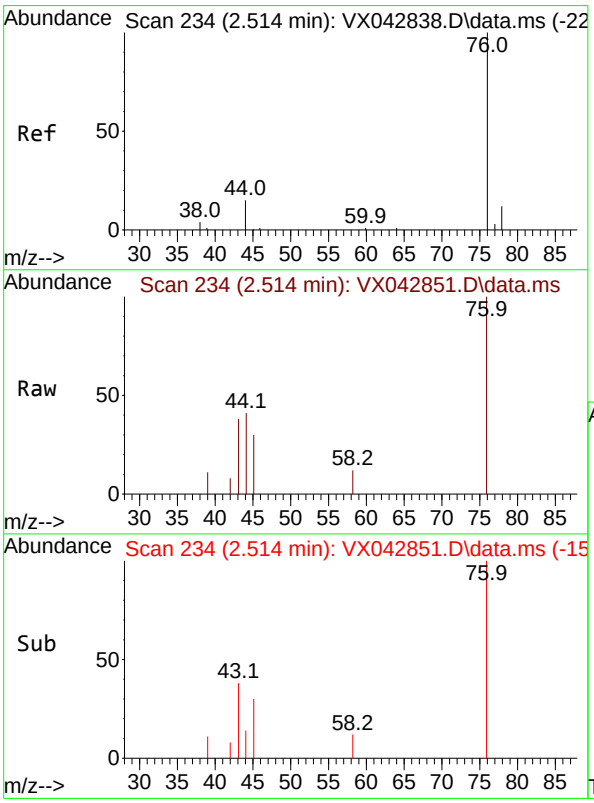
#15
Acetone
Concen: 164.963 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion: 58 Resp: 32388

Ion	Ratio	Lower	Upper
58	100		
43	307.6	243.4	365.2

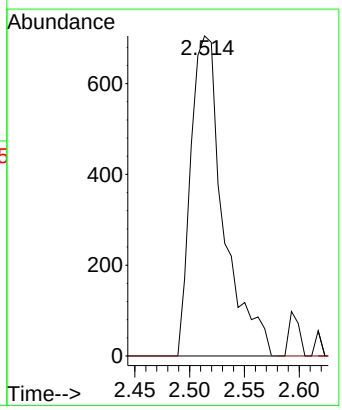


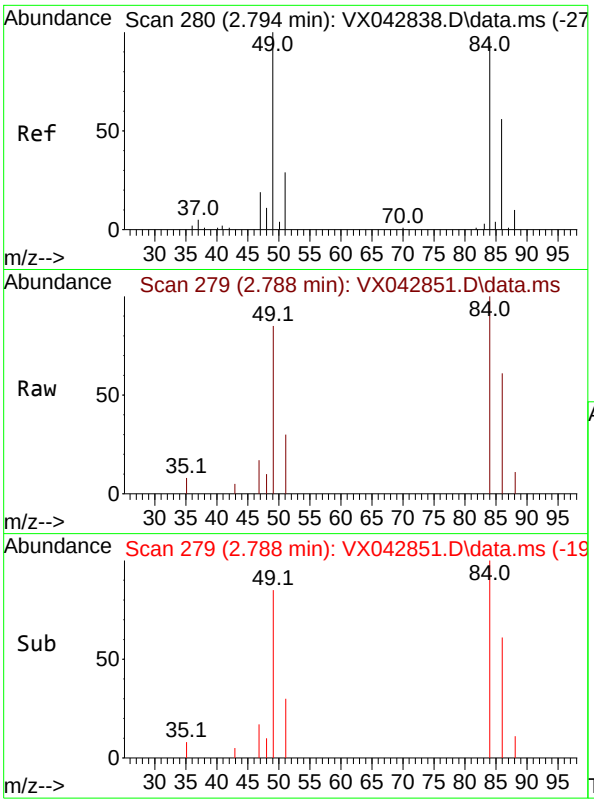


#16
Carbon Disulfide
Concen: 0.799 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion: 76 Resp: 1460

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#



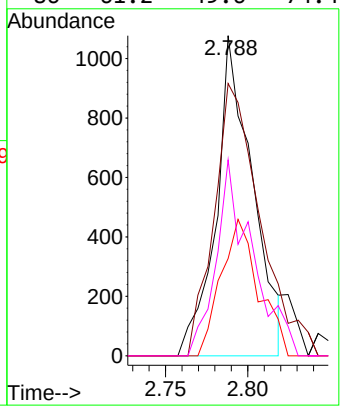


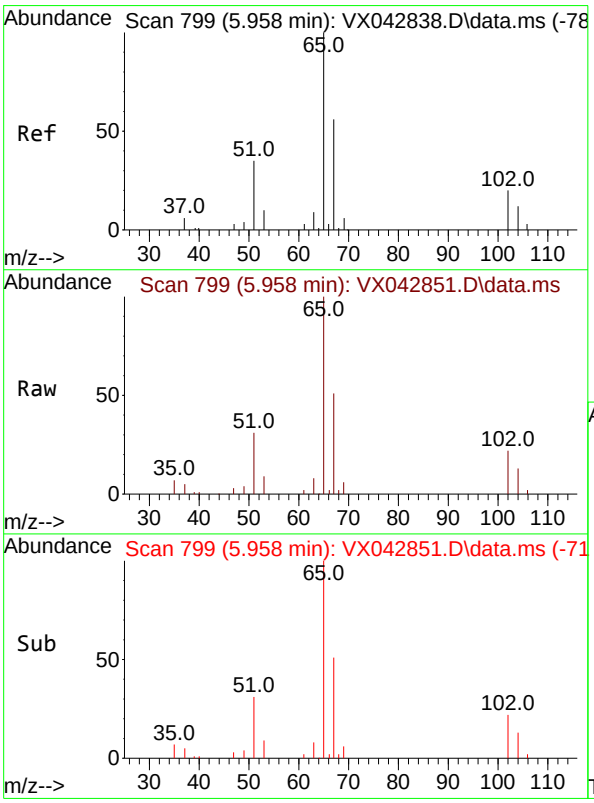
#18
Methylene Chloride
Concen: 1.484 ug/l
RT: 2.788 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion: 84 Resp: 1657

Ion	Ratio	Lower	Upper
84	100		
49	85.1	85.3	127.9#
51	30.4	28.5	42.7
86	61.2	49.6	74.4

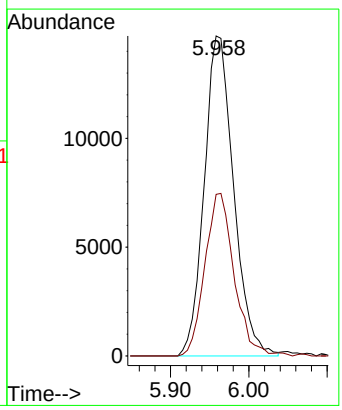


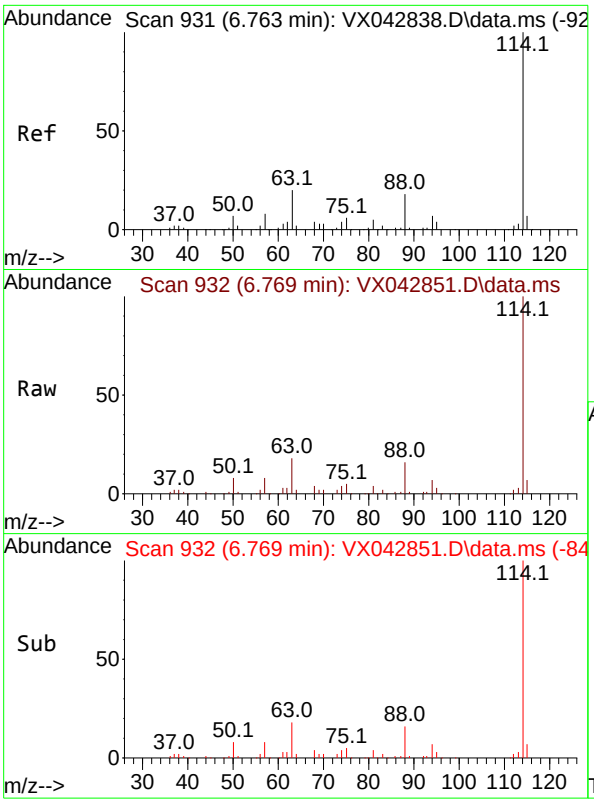


#27
1,2-Dichloroethane-d4
Concen: 27.285 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion: 65 Resp: 38365

Ion	Ratio	Lower	Upper
65	100		
67	50.1	43.4	65.0



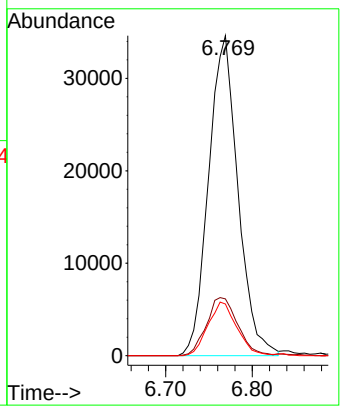


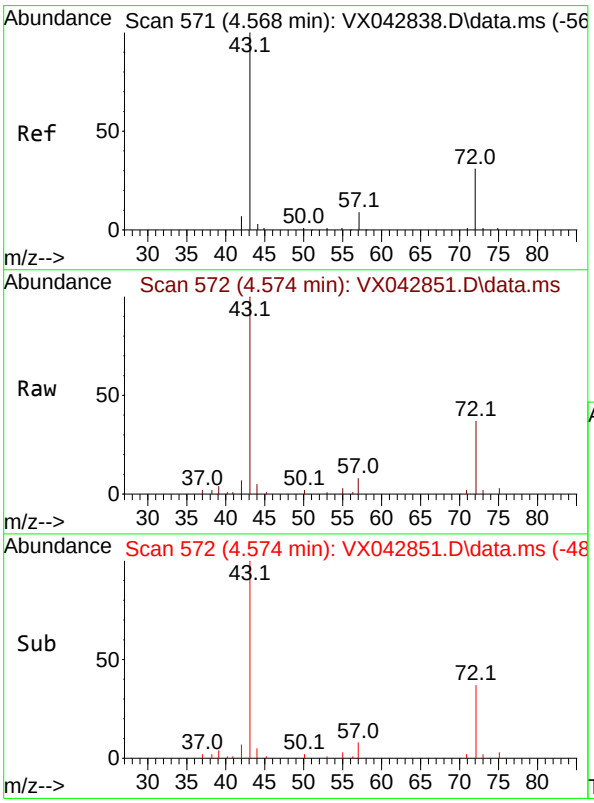
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion:114 Resp: 81524

Ion	Ratio	Lower	Upper
114	100		
63	19.3	14.6	21.8
88	16.5	11.8	17.8

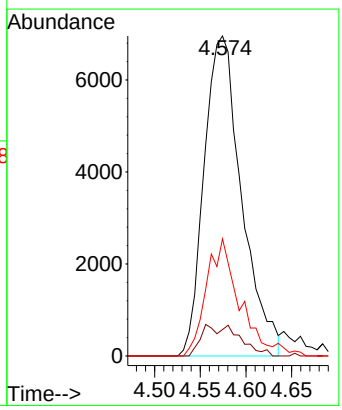


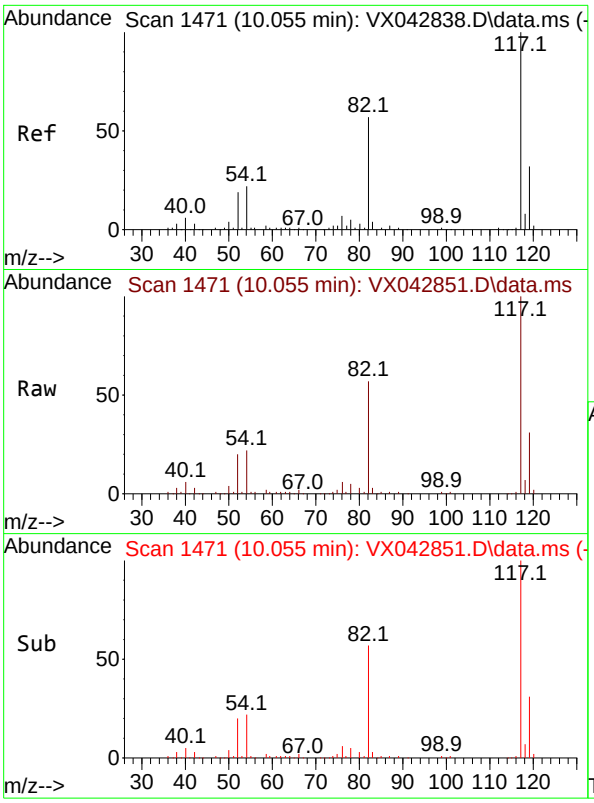


#30
2-Butanone
Concen: 26.299 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion: 43 Resp: 19851

Ion	Ratio	Lower	Upper
43	100		
57	5.3	6.5	9.7#
72	31.6	22.0	33.0



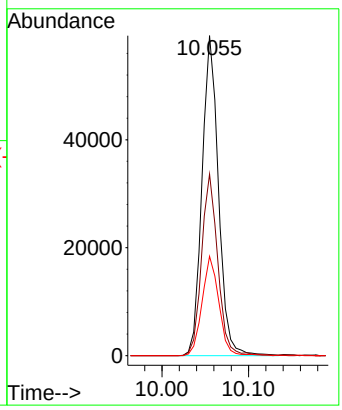


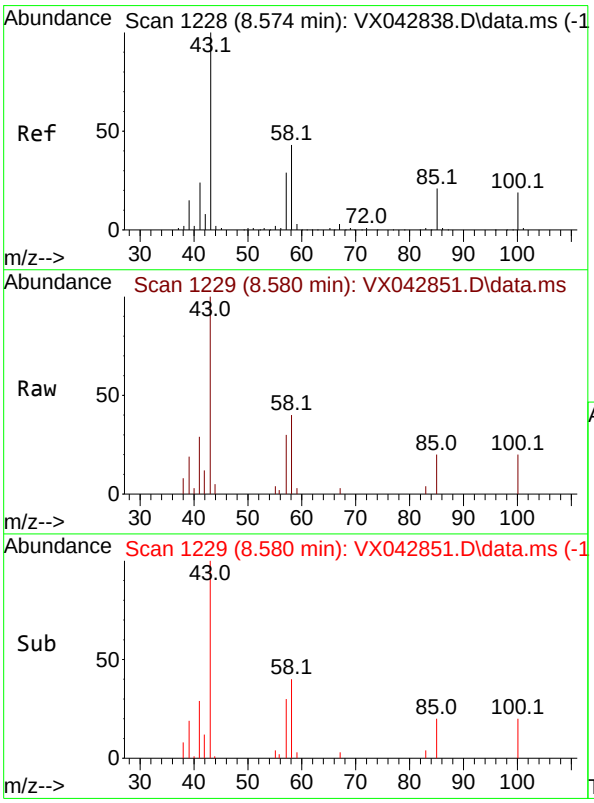
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion:117 Resp: 78283

Ion	Ratio	Lower	Upper
117	100		
82	56.1	41.1	61.7
119	31.4	26.1	39.1

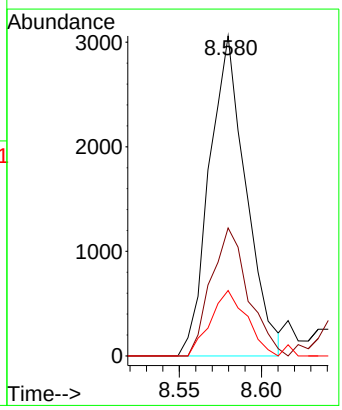


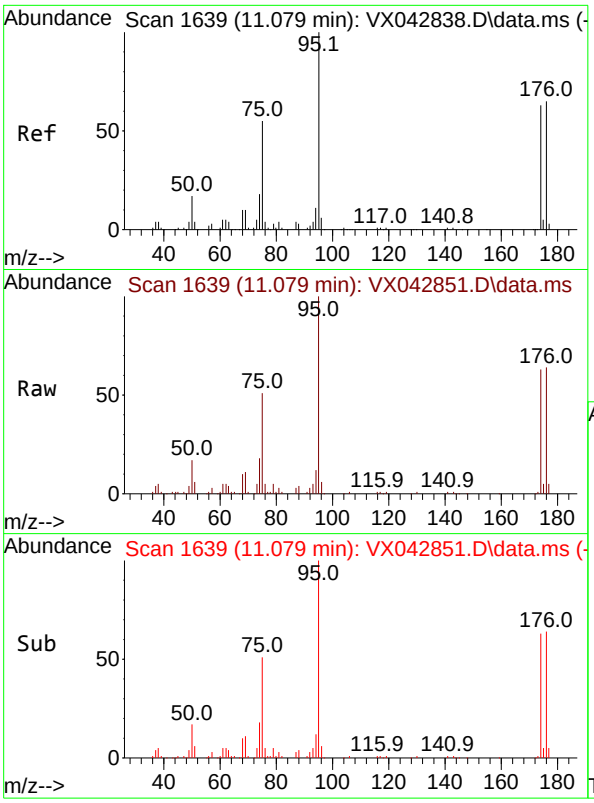


#58
4-Methyl-2-Pentanone
Concen: 3.439 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion: 43 Resp: 4745

Ion	Ratio	Lower	Upper
43	100		
58	40.5	33.2	49.8
85	20.2	15.5	23.3



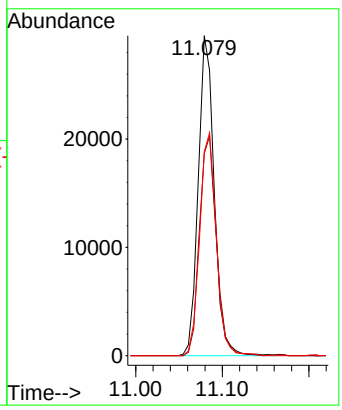


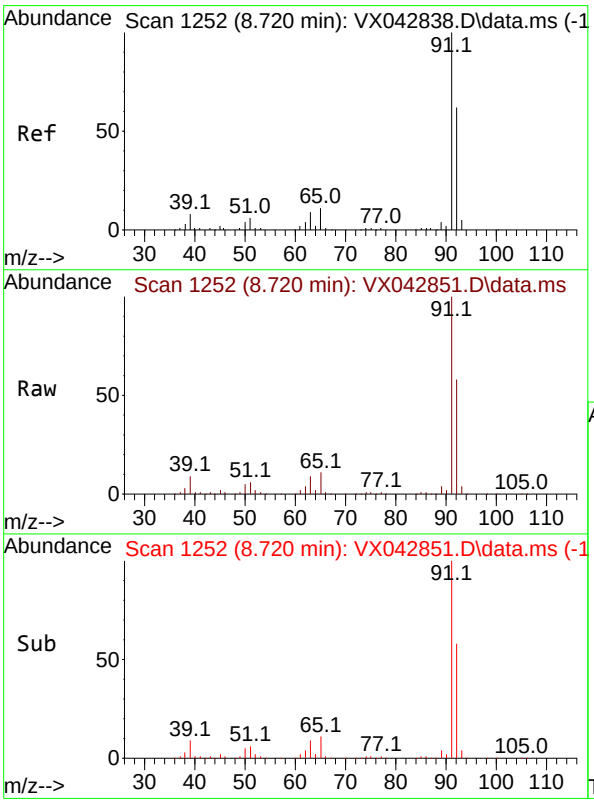
#60
4-Bromofluorobenzene
Concen: 29.029 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion: 95 Resp: 37905

Ion	Ratio	Lower	Upper
95	100		
174	72.1	78.9	118.3#
176	72.0	77.1	115.7#

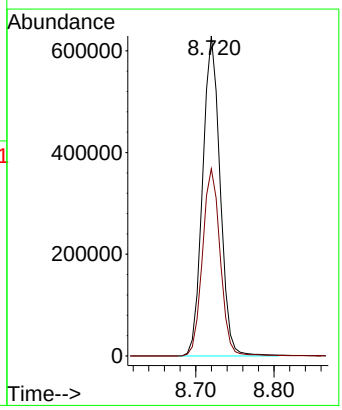


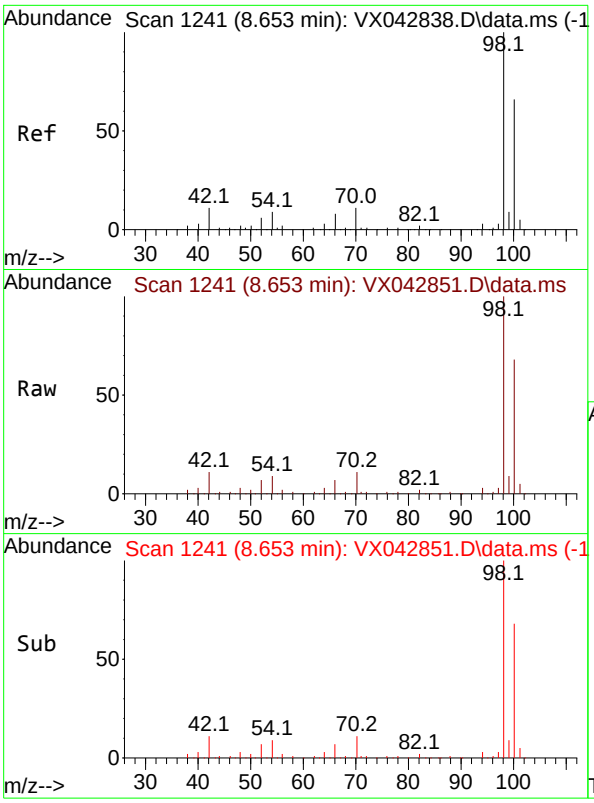


#62
Toluene
Concen: 246.279 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion: 91 Resp: 974360

Ion	Ratio	Lower	Upper
91	100		
92	59.4	47.4	71.2



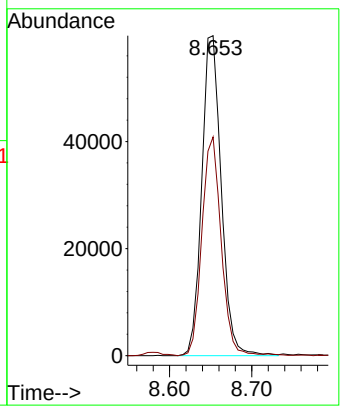


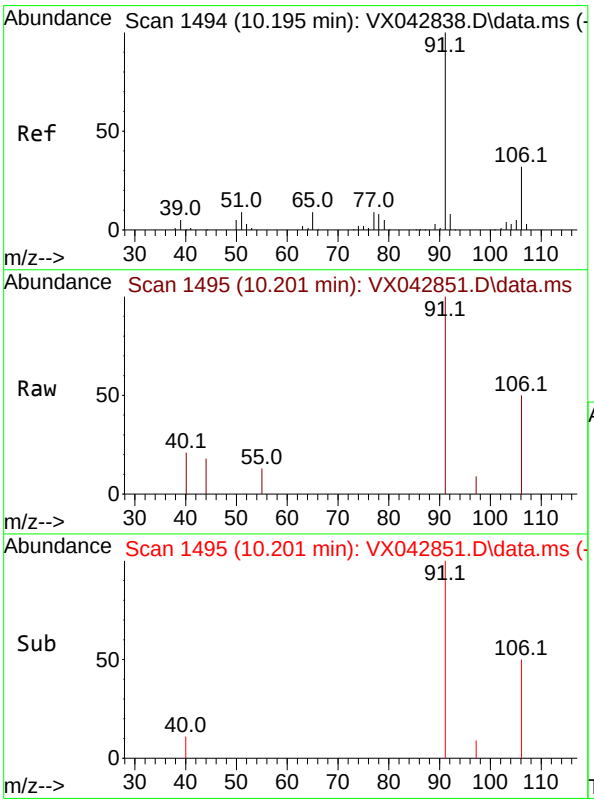
#63
Toluene-d8
Concen: 28.529 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion: 98 Resp: 98507

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.7	79.1

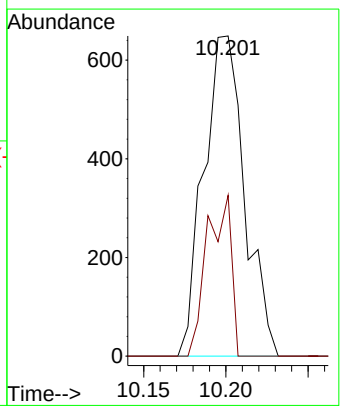


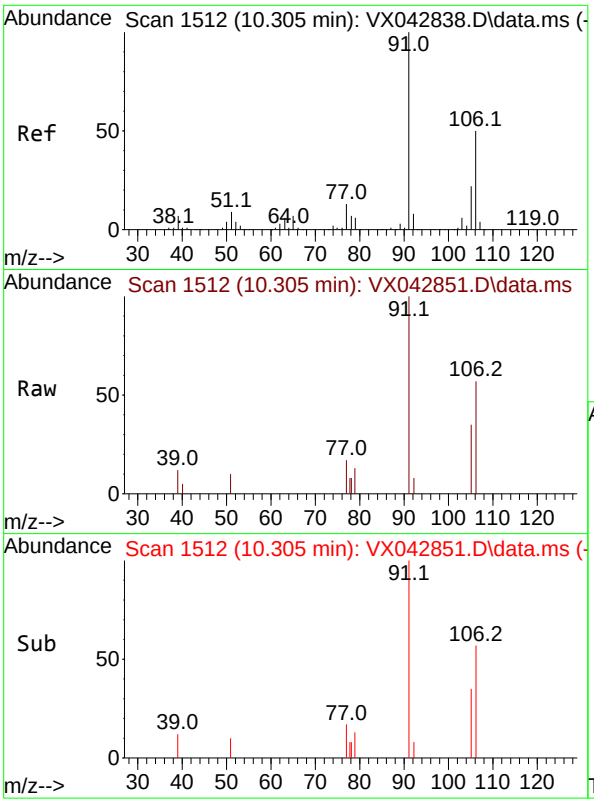


#66
Ethyl Benzene
Concen: 0.254 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion: 91 Resp: 1125

Ion	Ratio	Lower	Upper
91	100		
106	50.2	26.4	39.6#



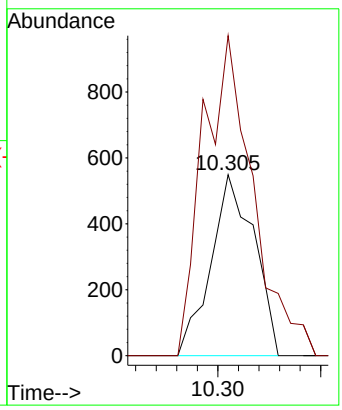


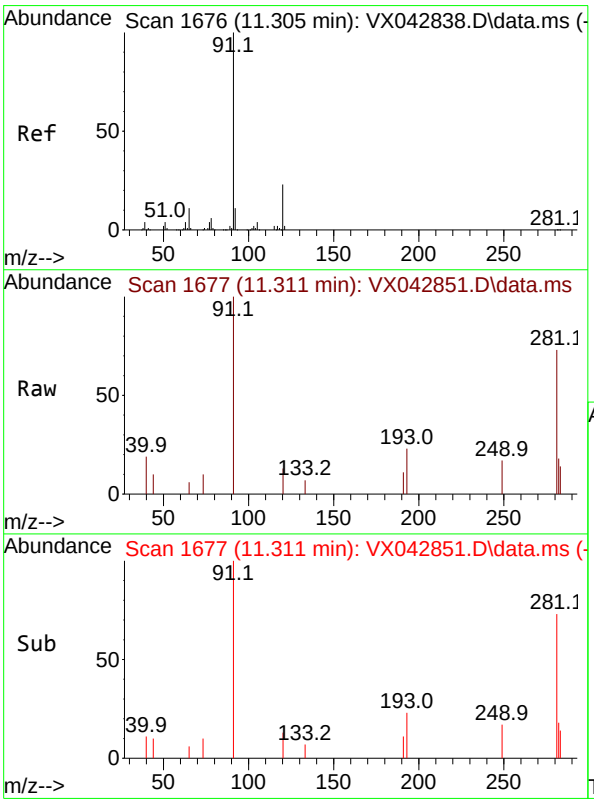
#67
m/p-Xylenes
Concen: 0.469 ug/l
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion:106 Resp: 802

Ion	Ratio	Lower	Upper
106	100		
91	204.5	157.0	235.6

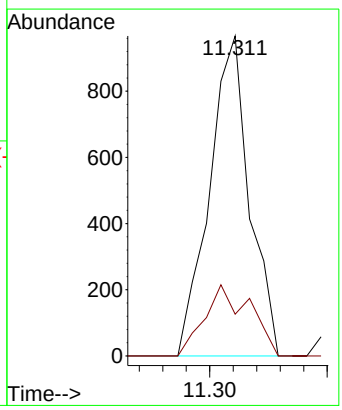


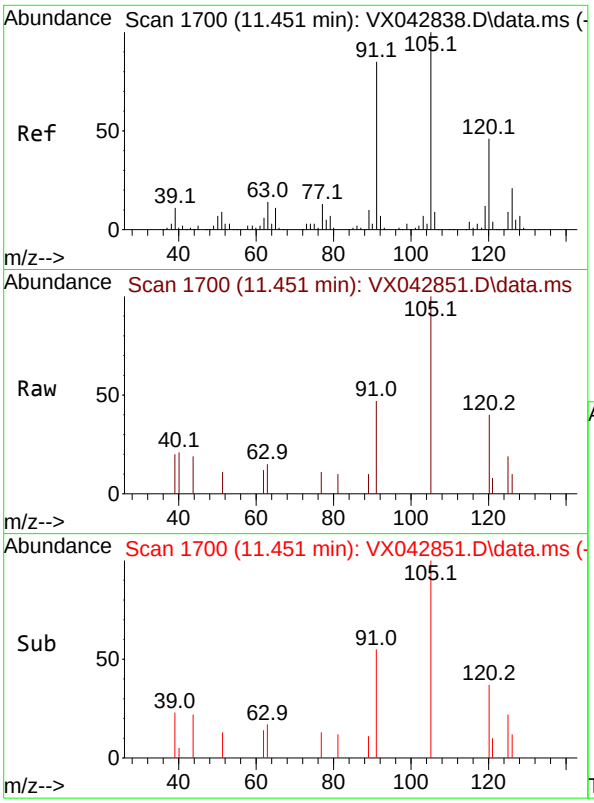


#74
n-propylbenzene
Concen: 0.227 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion: 91 Resp: 1142

Ion	Ratio	Lower	Upper
91	100		
120	25.1	0.0	49.6



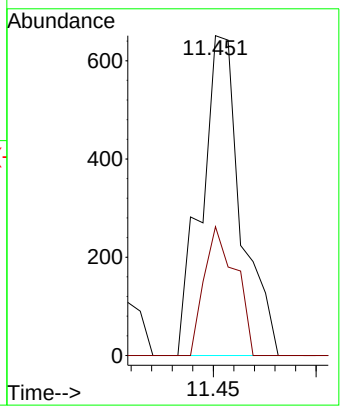


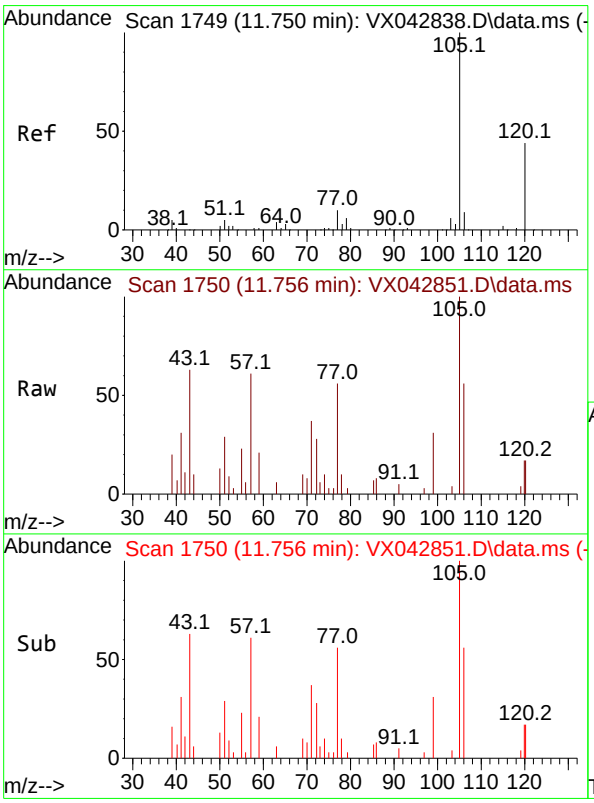
#76
1,3,5-Trimethylbenzene
Concen: 0.236 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion:105 Resp: 873

Ion	Ratio	Lower	Upper
105	100		
120	32.0	0.0	103.0

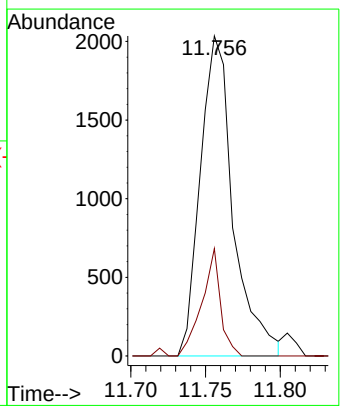


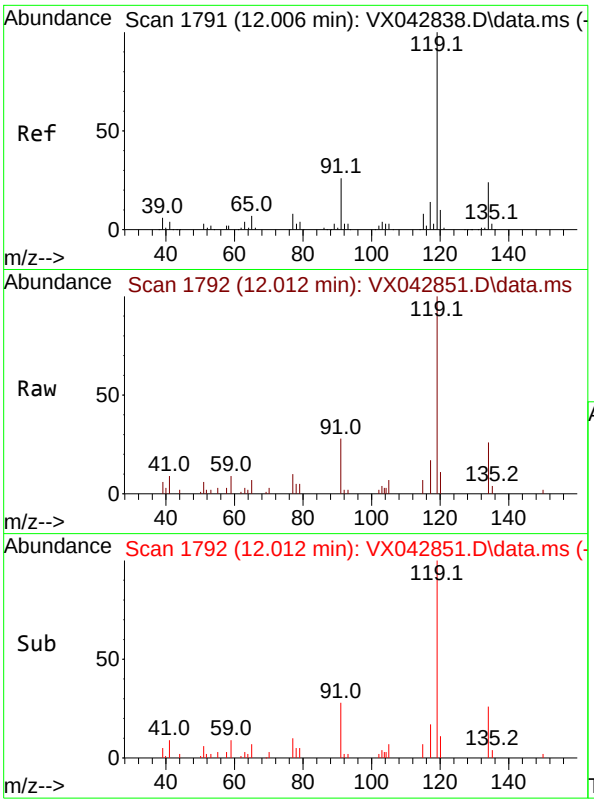


#80
1,2,4-Trimethylbenzene
Concen: 0.847 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion:105 Resp: 3113

Ion	Ratio	Lower	Upper
105	100		
120	19.1	0.0	96.2



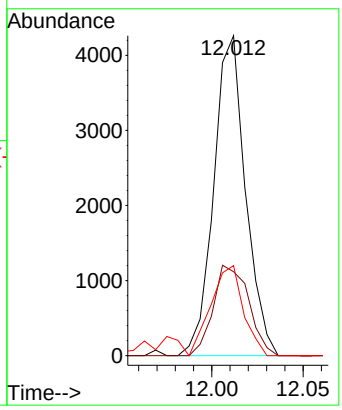


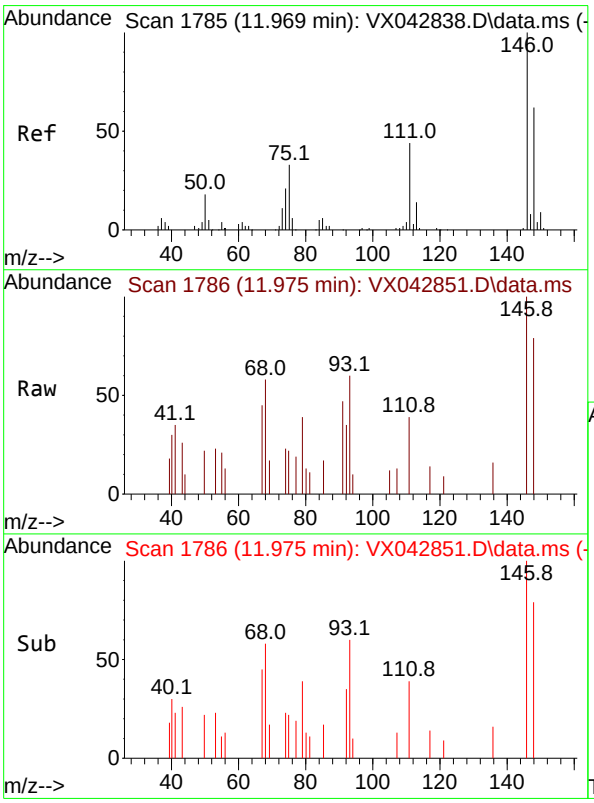
#82
p-Isopropyltoluene
Concen: 1.343 ug/l
RT: 12.012 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion:119 Resp: 5156

Ion	Ratio	Lower	Upper
119	100		
134	31.5	0.0	54.0
91	28.8	0.0	42.2

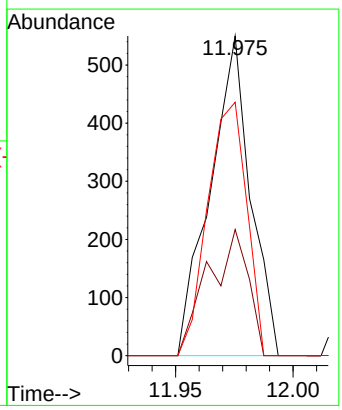


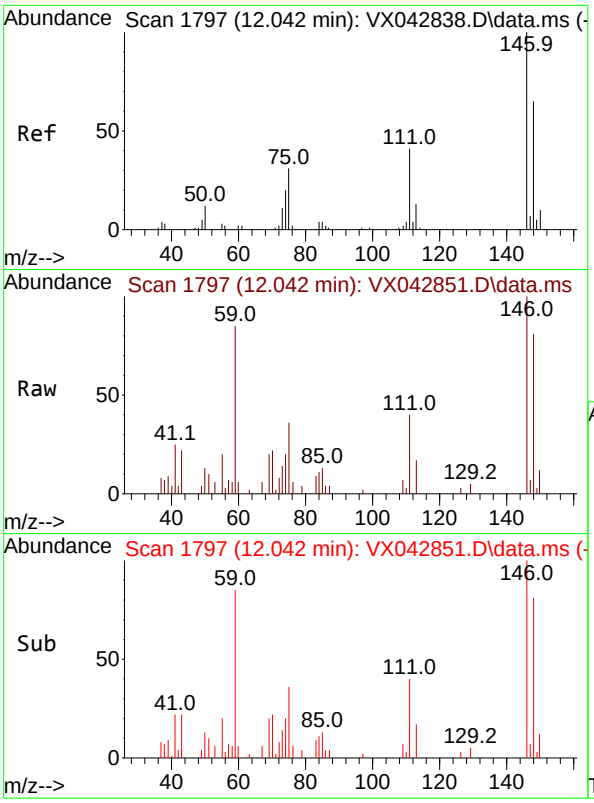


#83
1,3-Dichlorobenzene
Concen: 0.332 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion:146 Resp: 656

Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.0	54.0
148	76.8	31.9	95.7



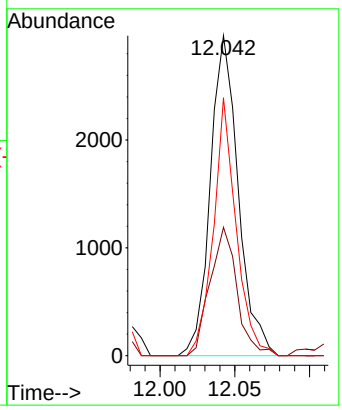


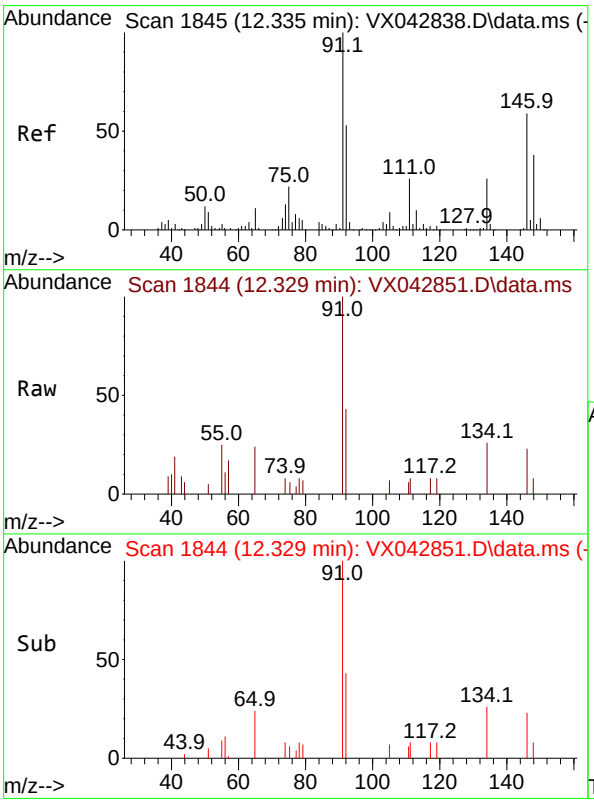
#84
1,4-Dichlorobenzene
Concen: 1.938 ug/l
RT: 12.042 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion:146 Resp: 3860

Ion	Ratio	Lower	Upper
146	100		
111	38.8	17.4	52.3
148	65.6	32.3	96.9

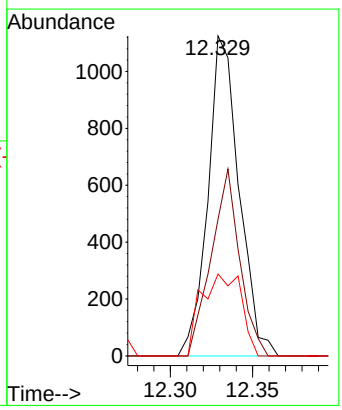


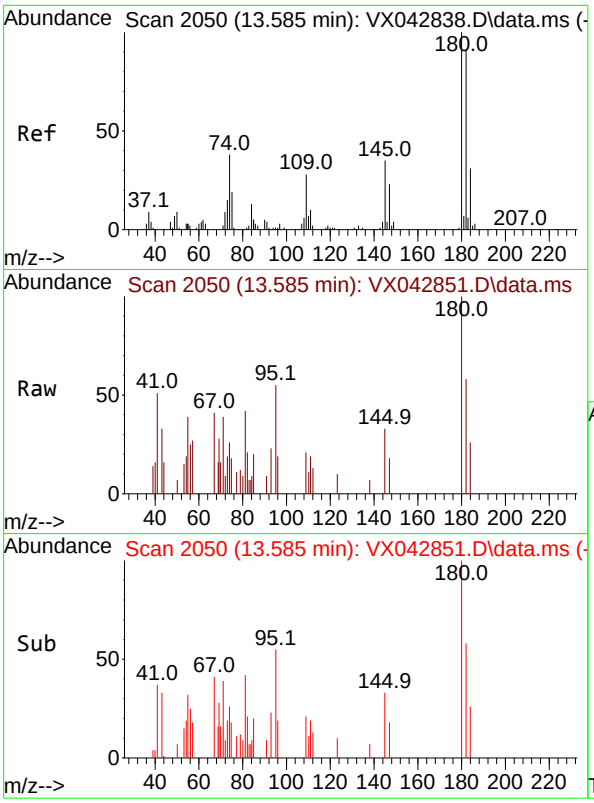


#85
n-Butylbenzene
Concen: 0.444 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion: 91 Resp: 1483

Ion	Ratio	Lower	Upper
91	100		
92	53.3	0.0	109.8
134	32.8	0.0	58.4



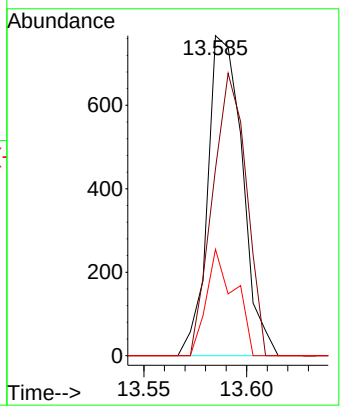


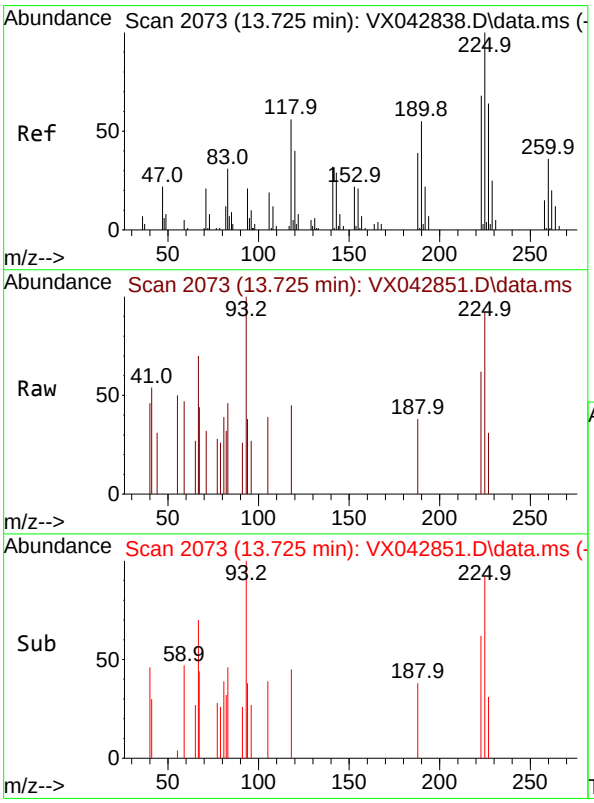
#89
1,2,4-Trichlorobenzene
Concen: 0.754 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion:180 Resp: 900

Ion	Ratio	Lower	Upper
180	100		
182	85.9	76.9	115.3
145	27.1	22.8	34.2

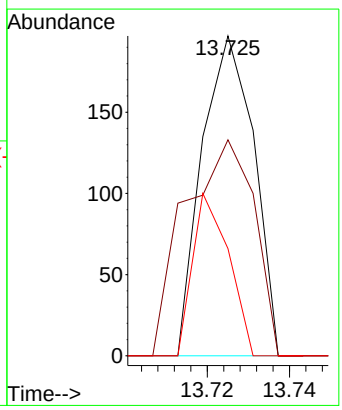


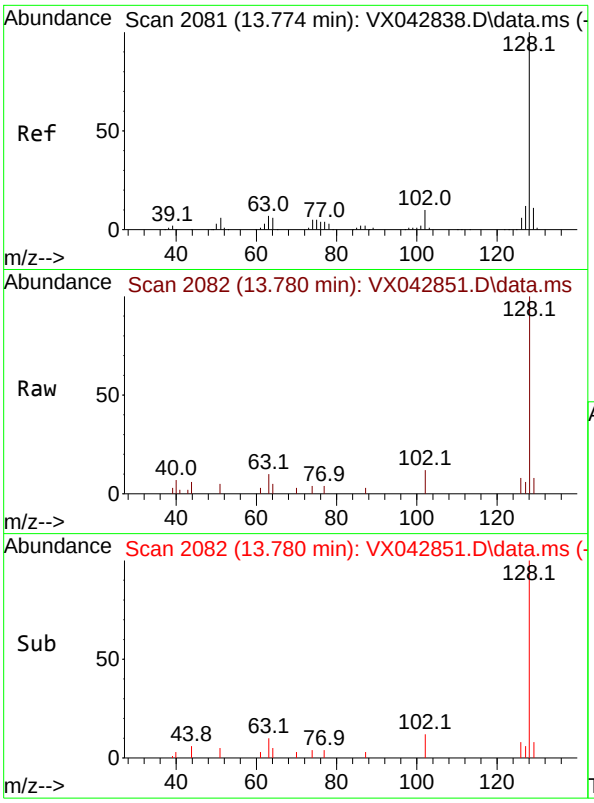


#90
Hexachlorobutadiene
Concen: 0.342 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion:225 Resp: 172

Ion	Ratio	Lower	Upper
225	100		
223	90.7	0.0	120.8
227	35.5	0.0	126.6



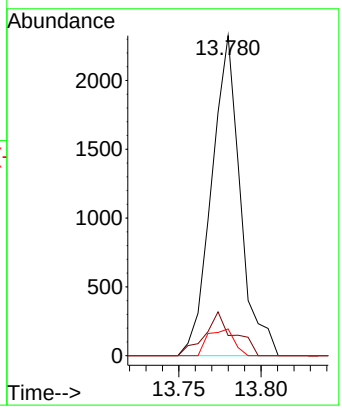


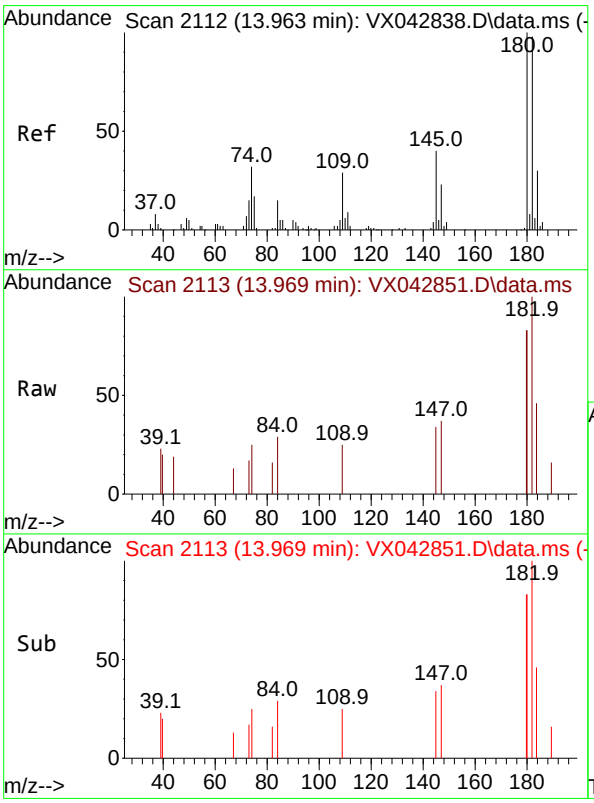
#91
Naphthalene
Concen: 0.636 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion:128 Resp: 2820

Ion	Ratio	Lower	Upper
128	100		
127	3.7	10.4	15.6#
129	7.6	8.7	13.1#





#92
1,2,3-Trichlorobenzene
Concen: 0.673 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX042851.D
Acq: 02 Aug 2024 18:54

Tgt Ion:180 Resp: 827

Ion	Ratio	Lower	Upper
180	100		
182	81.9	0.0	187.8
145	25.5	0.0	58.4