

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043257.D
 Acq On : 21 Apr 2021 17:56
 Operator : SY/MD
 Sample : M2088-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4534

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 2:47:22 PM

Quant Time: Apr 22 04:44:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	78609	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	79313	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37181	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16731	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.919	69	16102	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.575	65	10942	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	4.649	46	105748	60.32	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.64%
24) Chloroform-d	5.073	84	52212	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.713	65	34091	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.739	84	90455	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.700	67	31604	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.906	98	77895	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloroprop...	8.185	79	12166	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.642	63	63891	47.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.74%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	27266	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	32074	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1715	0.34	ug/L	95
13) Acetone	2.678	43	3170m	2.46	ug/L	
22) cis-1,2-Dichloroethene	4.681	96	936	0.17	ug/L	98
34) Trichloroethene	6.555	95	1231	0.21	ug/L	95
47) Tetrachloroethene	8.558	164	48633	10.50	ug/L	92
48) 2-Hexanone	8.693	43	6317	1.61	ug/L	# 73

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

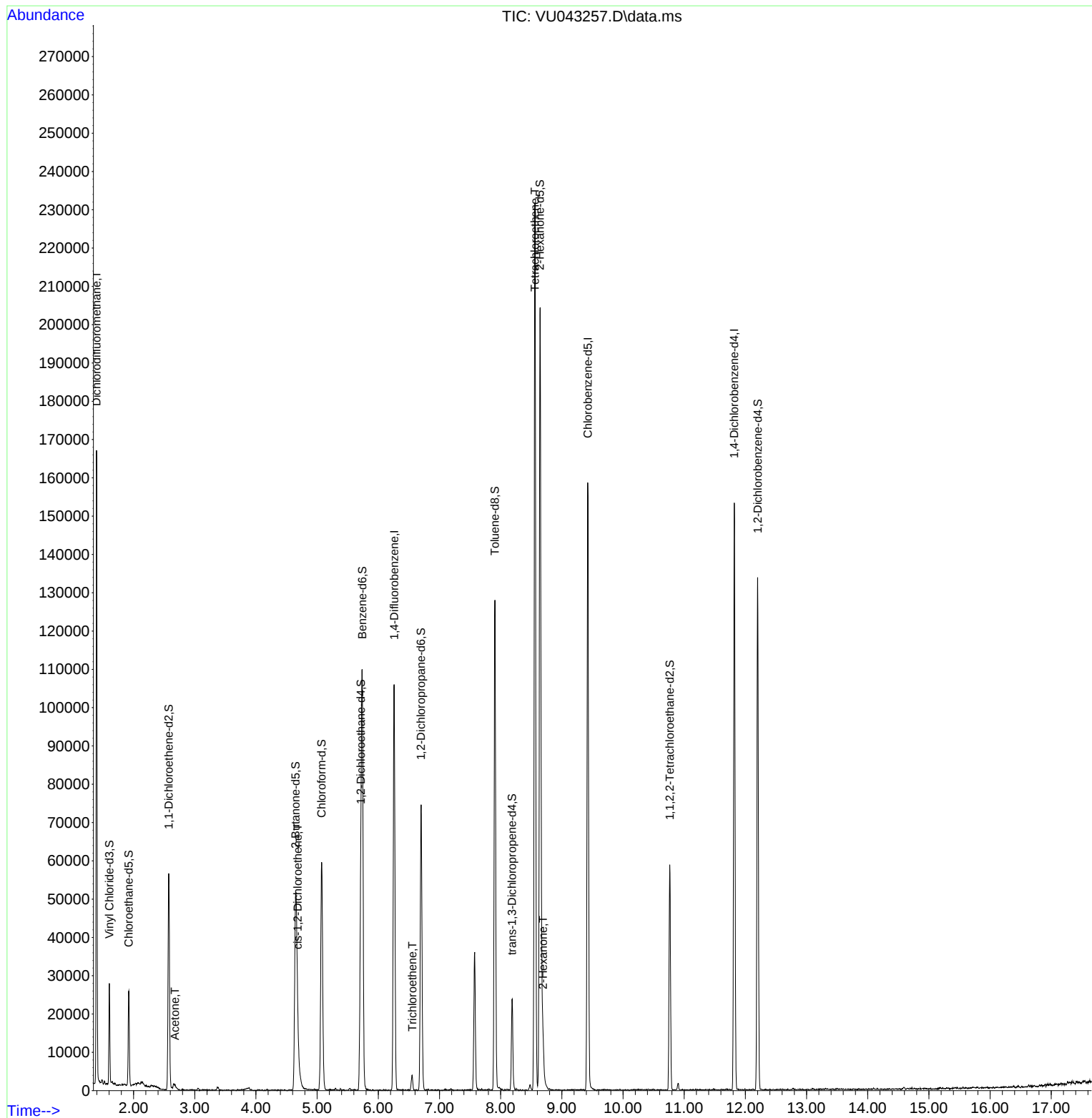
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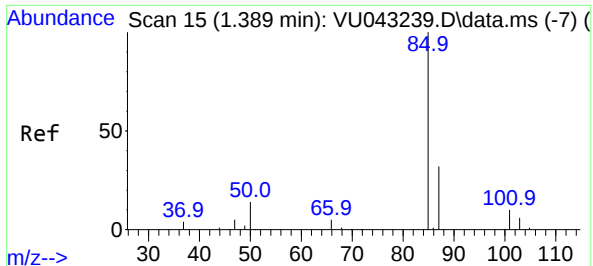
Instrument :
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





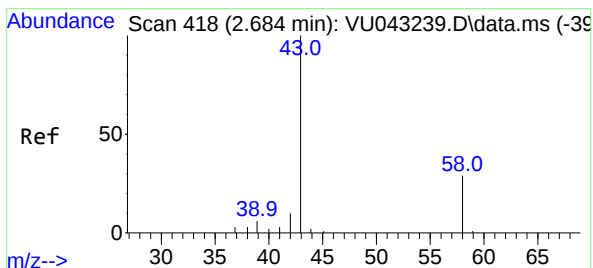
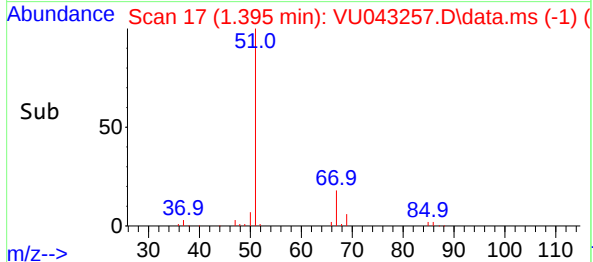
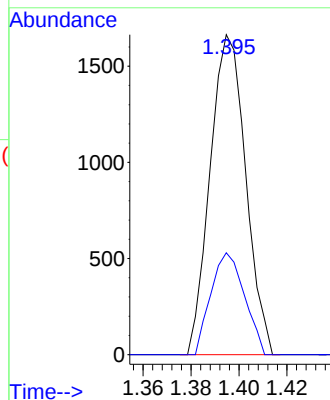
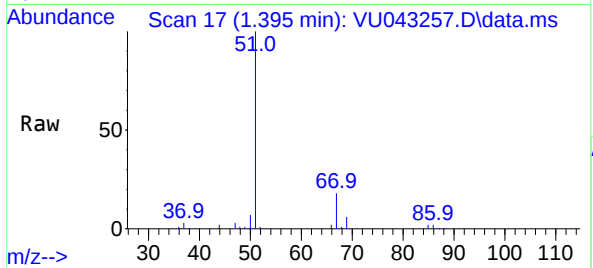
#2
Dichlorodifluoromethane
Concen: 0.34 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

Tgt Ion: 85 Resp: 1715
Ion Ratio Lower Upper
85 100
87 30.0 26.3 39.5

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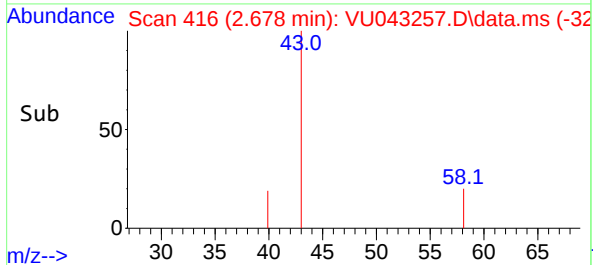
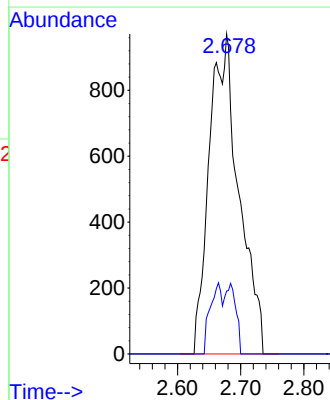
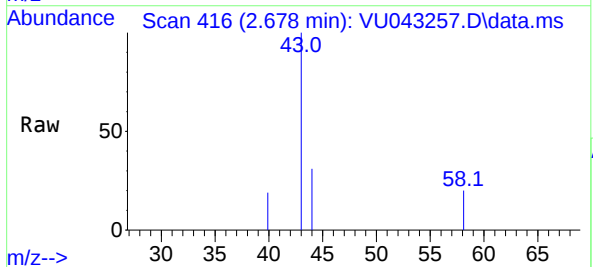
Manual Integrations
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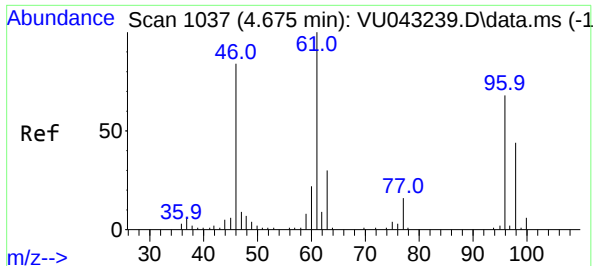
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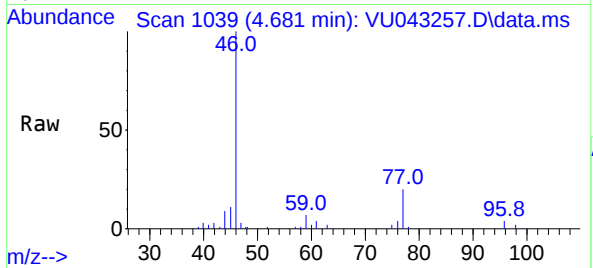
#13
Acetone
Concen: 2.46 ug/L m
RT: 2.678 min Scan# 416
Delta R.T. -0.007 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

Tgt Ion: 43 Resp: 3170
Ion Ratio Lower Upper
43 100
58 8.2 0.0 25.0

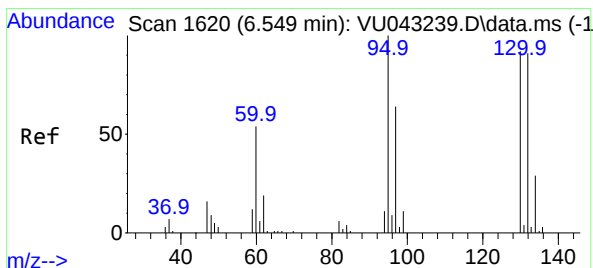
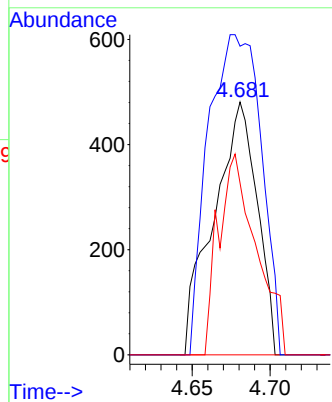
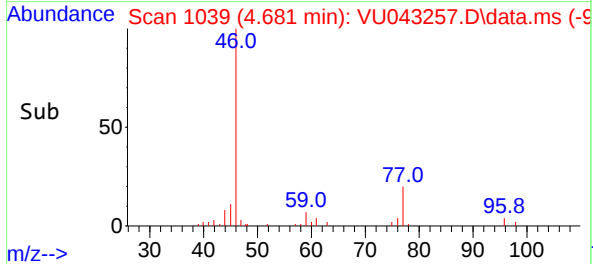




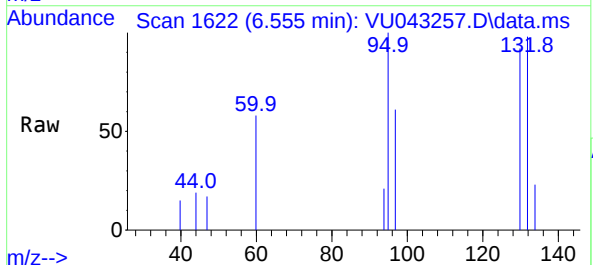
#22
cis-1,2-Dichloroethene
Concen: 0.17 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56



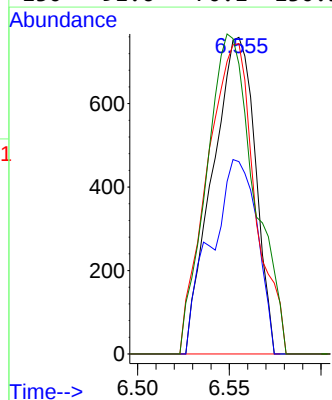
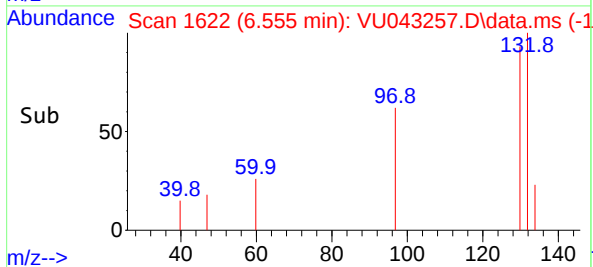
Tgt Ion: 96 Resp: 936
Ion Ratio Lower Upper
96 100
61 122.0 87.4 162.4
98 68.0 47.7 88.5



#34
Trichloroethene
Concen: 0.21 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56



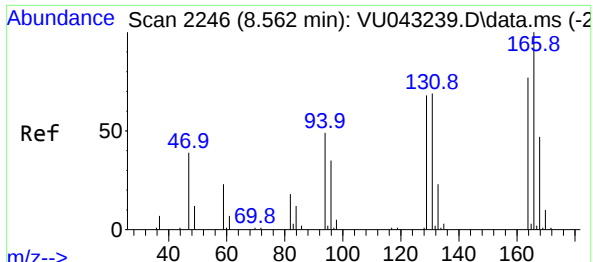
Tgt Ion: 95 Resp: 1231
Ion Ratio Lower Upper
95 100
97 60.7 45.8 85.2
132 98.0 68.7 127.7
130 91.6 70.1 130.3



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#47
Tetrachloroethene
Concen: 10.50 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.004 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

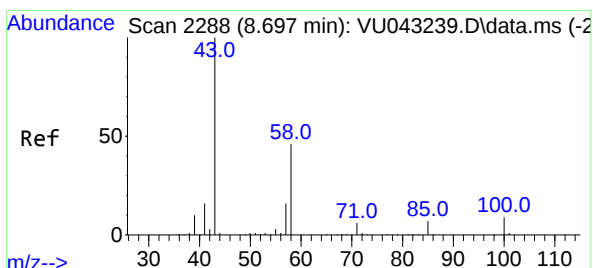
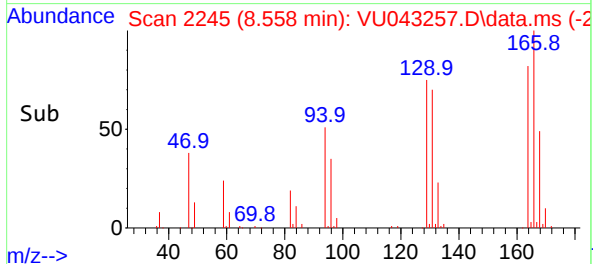
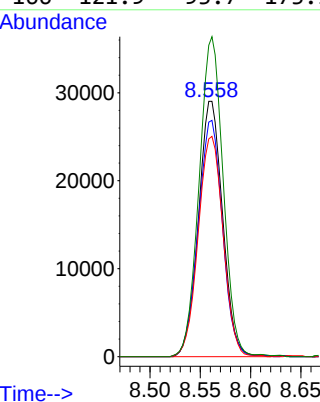
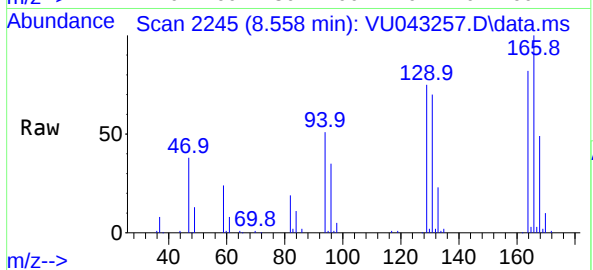
Tgt Ion:164 Resp: 48633

Ion	Ratio	Lower	Upper
164	100		
129	91.8	66.6	123.8
131	85.3	65.9	122.3
166	121.9	93.7	173.9

Instrument :
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ClientSampled :
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#48
2-Hexanone
Concen: 1.61 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.004 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

Tgt Ion: 43 Resp: 6317

Ion	Ratio	Lower	Upper
43	100		
58	36.3	50.0	75.0#
57	15.1	17.4	26.0#
100	7.3	11.8	17.8#

